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Decision Support for Project Selection in Texas Water Planning

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Decision Support for Project Selection in Texas Water Planning

by

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Dedication

To my parents, for your patience, love, and endless support.

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This paper would not have been possible without support from the Texas Water Development Board, especially Dr. Dan Hardin, Matt Nelson, and Kevin Kluge.

Abstract

Decision Support Modeling for Project Selection in Texas Water Planning

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The University of Texas at Austin, 2013

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The state of Texas is facing critical decisions that will greatly impact the preparedness of the state to meet future water demand. Consequently, during the 83rd Texas Legislative Session, state legislators proposed House Bill 4 (HB 4), a bill that if funded will provide an additional two billion dollars of funding for Texas water planning projects. Objectively evaluating and prioritizing projects would enable the efficient distribution of funding and minimize conflicts between water users. This project uses multi-criteria decision modeling to compare various evaluation criteria and decision preferences and prioritize proposed water management strategies in the 2012 State Water Plan. Combinations of project, regional, and legislative criteria are considered in eight decision scenarios. Projects are evaluated using Logical Decisions software and Microsoft Excel to calculate project utility and identify distribution strategies for funding. Results of this study provide insight into regional and strategy funding biases. Additionally, the decision model analyses highlight the effects of project prioritization on urban vs. rural and arid vs. humid Texas water conflicts.

Table of Contents

List of Tables

List of Figures

Chapter 1: Introduction

INTRODUCTION

During the 83rd Texas Legislative Session, state legislators proposed House Bill 4 (HB 4), which creates a fund of two billion dollars to finance Texas water planning projects proposed in the State Water Plans. HB 4 and its accompanying budget legislation were approved by public vote in November 2013. The 2012 State Water Plan of Texas included 562 unique proposals for water supply strategies from 16 Texas Regional Water Planning Groups that will compete for these new funds (TWDB, 2012). Each of these projects was proposed to meet current and future water demands of regions across the state. Decisions will have to be made at the regional and state levels on how to best distribute funding for these projects.

How Texas' leaders distribute the additional two billion dollars of funding proposed in HB 4 will directly affect the state's water availability in times of drought. The Texas Water Development Board (TWDB) estimates annual economic losses of $11.9 billion dollars and losses of over one million jobs over the next fifty years if water supply needs are not met (TWDB, 2012). These numbers fail to consider additional impacts to wildlife habitats and biodiversity across the state (TWDB, 2012). Because stakes are high, it would be beneficial for funding decisions to be made with thoughtful consideration. Objectively evaluating and prioritizing different supply strategies to ensure efficient distribution of funds, manage conflicts between regions, and reduce political influence in the decision making process would be valuable.

To support this decision making process, this thesis will evaluate, compare, and prioritize the water planning projects proposed in the 2012 State Water Plan using a multicriteria decision model. Building off the stated goals and values of Texas Regional

Water Planning Groups, Texas Water Development Board, and HB 4, this multicriteria decision model evaluates each of the proposed water planning projects for its ability to meet stated goals and support a secure water future for Texas.

The scope of this project includes a two-part analysis of 2,927 recommended water management strategies under eight decision scenarios. First, project utilities are calculated and compared with multi-attribute analysis using Logical Decisions software. Second, projects are prioritized based on calculated utilities and funding requirements in Microsoft Excel. A set of general recommendations is then developed to address decision support strategies that may aid selection of Texas water planning projects.

This paper begins with an introduction to water planning in Texas and an overview of multicriteria decision modeling in water planning. Following this introduction, a methodology for creating an appropriate decision model and evaluating project alternatives are discussed. Results are then presented and comparisons are made between alternative prioritization scenarios. Recommendations and conclusions are then summarized.

BACKGROUND

Water in Texas

Texas spans an area of 261,233 square miles and contains a diverse collection of water resources (U.S. Census Bureau, 2010). Groundwater and surface water are the major water resources used in the state. With 9 major and 21 minor groundwater aquifers, groundwater provides 8 million acre-ft of water per year, approximately half of the state's annual water use, Figure 1 (TWDB, 2012). Surface water, which includes 15 major river basins, 191,000 miles of streams and rivers, and 226 surface water reservoirs,

supplies 8.4 million acre-ft annually, Figure 2 (TWDB, 2012). An additional 482,000 acre-ft is supplied from water reuse (TWDB, 2012).

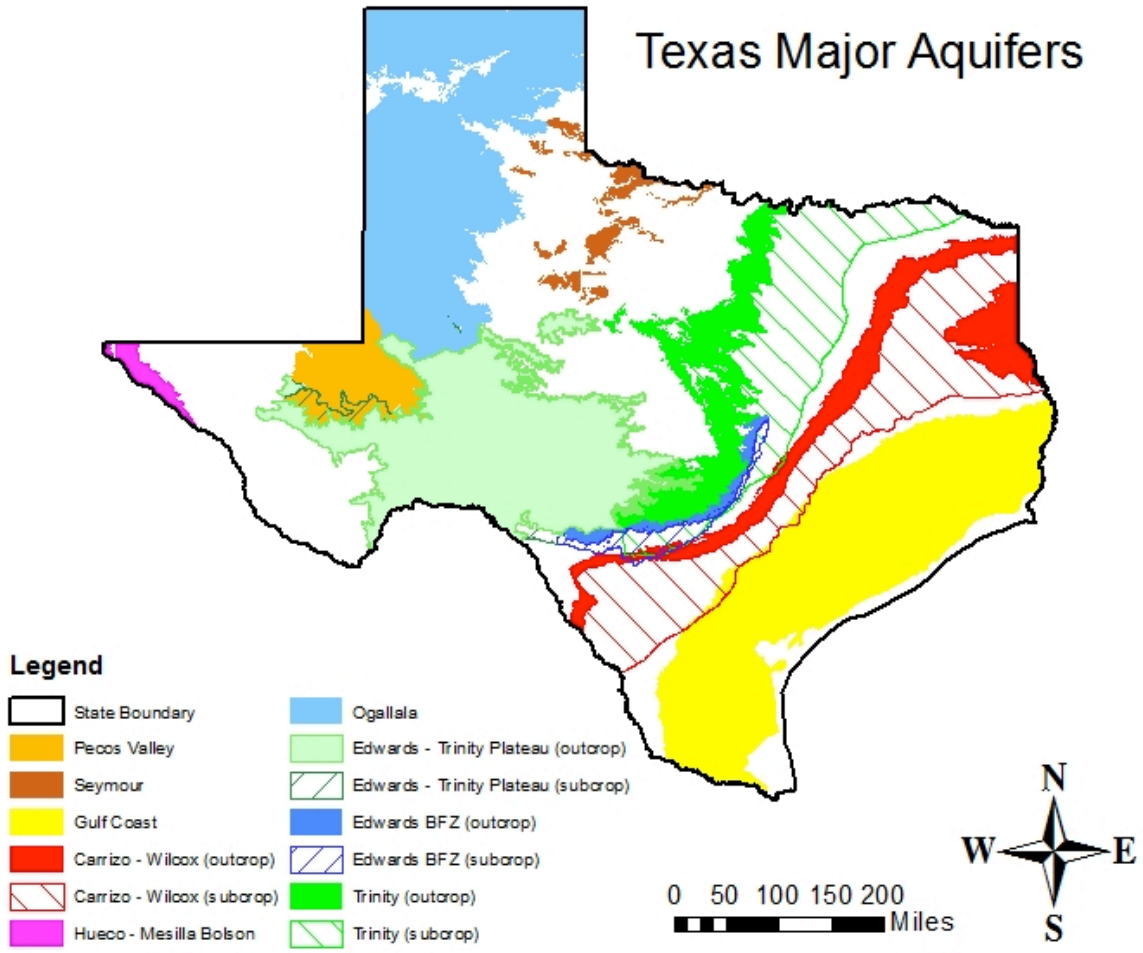


Figure 1: Texas Major Aquifers. This map displays the state's 9 major aquifers. The Ogallala Aquifer is largest aquifer in Texas. Major declines in groundwater availability over the next fifty years will largely come from overdevelopment of the Ogallala (TWDB, 2012). Data collected from TWDB.

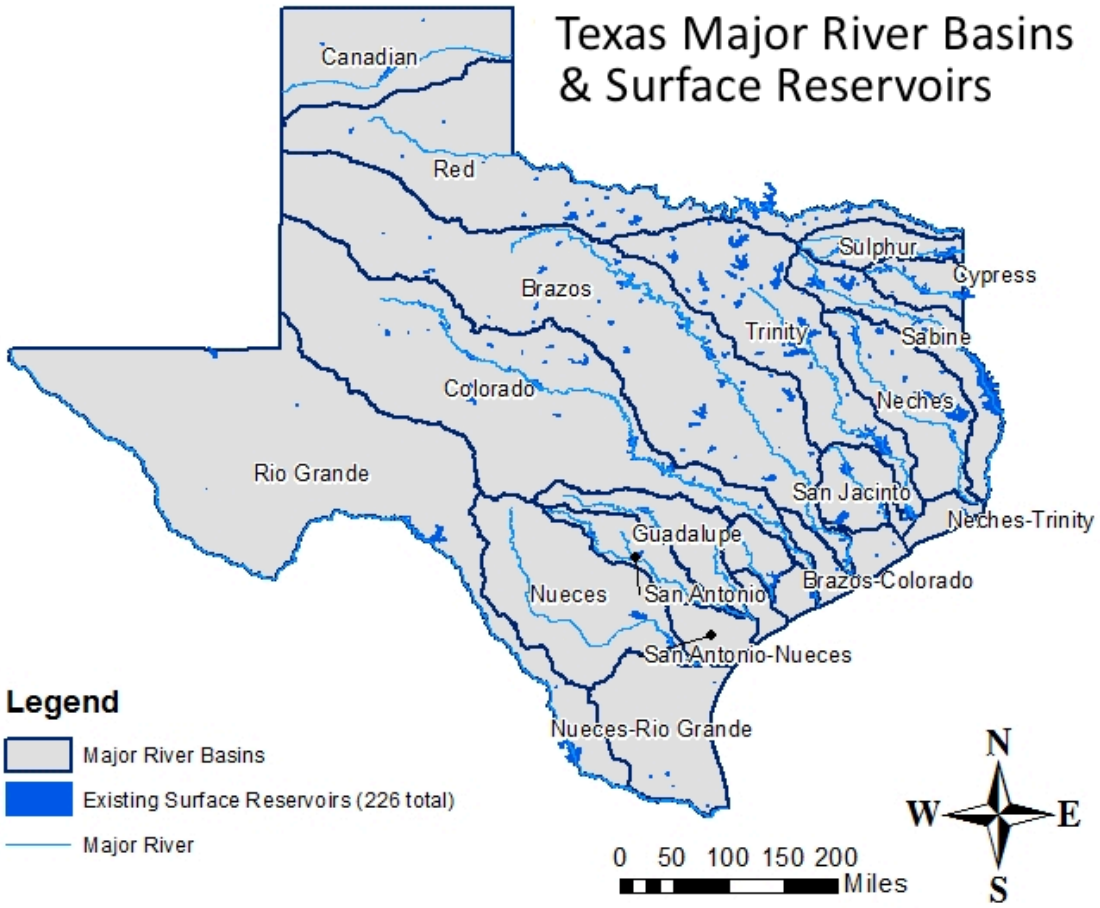


Figure 2: Texas Major River Basins and Surface Water Reservoirs. This map defines the state's 15 major river basins, major rivers, and 226 existing surface water reservoirs. Data collected from TWDB.

The distribution of these resources varies throughout the state. In West Texas, surface water is limited so groundwater or alternative supplies primarily support the region. Along the Gulf Coast, where there are concerns of subsidence related to groundwater pumping, surface water is heavily utilized. Alternatively, many parts of the state rely on conjunctive use of both surface water and groundwater.

Overall Texas has roughly 17 million acre-ft of existing water supply (TWDB, 2012). However, TWDB projects the availability of current water supplies to decrease 10 percent over the next fifty years due to a 30 percent decrease in groundwater availability

(TWDB, 2012). This reduction is attributed to depletion of the Ogallala aquifer, the largest aquifer in Texas. Forecasts show water supplies becoming more stressed in the coming decades if water management strategies are not implemented to firm up current supplies.

The 2012 State Water Plan published by TWDB indicates the population of Texas will nearly double over the next fifty years, from 25.4 million residents in 2010 to 46.3 million residents in 2060 (TWDB, 2012). Figure 3 shows 2060 population projections for each of the 16 water-planning regions in the state. Regions C and H, which include Dallas-Ft. Worth and Houston, will remain the most populated areas in the state, with 13 million and 11 million residents, respectively (TWDB, 2012). Populations of Regions K and M, located in central and south Texas, are expected to double by 2060 (TWDB, 2012). Comparatively, Regions B and P are projected to have population growth of 5 percent or less (TWDB, 2012).

Population growth pairs with increasing water demands of 82 percent from roughly 18 million acre-ft per year in 2010 to 22 million acre-ft per year in 2060 (TWDB, 2012). Figures 3 maps out the 2060 demand projections by region. Regions with large populations in 2060 also have the highest demand projections.

Economic drivers also influence demand. Regions with agricultural production, manufacturing, and energy-related industries tend to have higher water demands. Region O, located in the Texas panhandle, has a relatively small population with high water demands, due to its mostly agrarian economy.

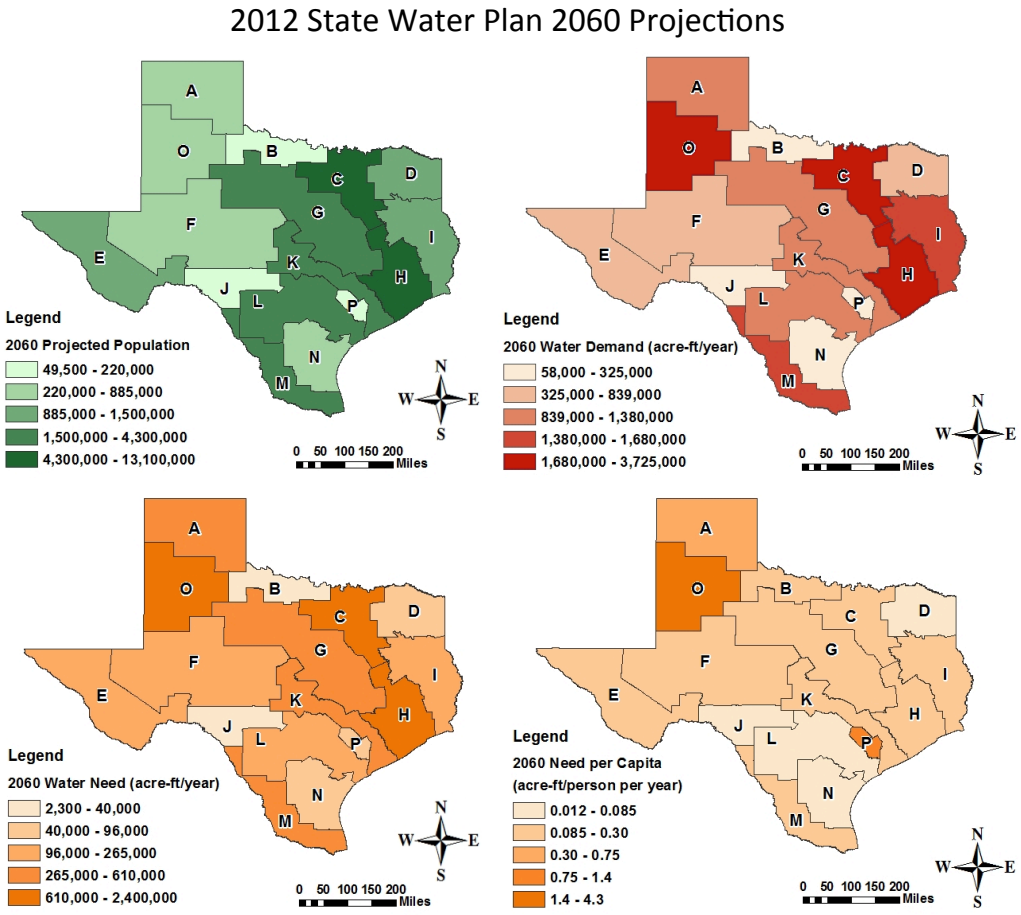


Figure 3: 2060 State Water Plan Projections. Clockwise from the top left: Population, Demand, Need per Capita, & Total Need. Population is concentrated in regions with large cities. Regions C & H include Dallas-Ft. Worth and Houston. Need is highest for high population regions and regions with water intensive economies. 2060 water need mirrors the water demand map. The per capita water need map shows that nearly all regions have equal water needs when normalized by population. Few regions with small populations have large demand because of their agricultural economies. Data collected from 2012 State Water Plan.

The quantity of water demand that is not met by supply is referred to as *water need*. Figure 3 shows the distribution of water need in 2060 for each planning region. The map on the bottom left of the figure presents total regional need, and the map on the bottom right displays regional per capita need. Regional need mirrors the distribution of

water demand. Regions with high water demand tend to have the highest need. Regions C, H, O and M have the highest water 2060 water demand and water need. Some would argue that these regions should be prioritized for funding because of the magnitude of their total need. However, when you normalize regional need by projected 2060 regional population, nearly all of the regions have needs that fall between 0.30 – 0.75 acre-ft per person per year. Arguments can also be made that prioritization should consider per capita needs over total need.

Regions with low populations and mostly agricultural economies have higher per capita needs. Several regions have slightly lower per capita needs. Overall, regional need is similar throughout the state when normalized on a per capita basis. Therefore, using 'per capita water need' alone as a selection criterion is not sufficient to differentiate between project funding options.

Texas Water Planning

Water planning in Texas includes interaction among local, regional, and state entities, in a bottom up approach that was established by the state legislature in 1997 (TWDB, "Regional Water Plans", 2013). TWDB, Regional Water Planning Groups (RPWGs), and local stakeholders are the main participants in the water planning process. Each of these groups has clear responsibilities in ensuring the state has firm water supplies that are able to meet demand in times of drought.

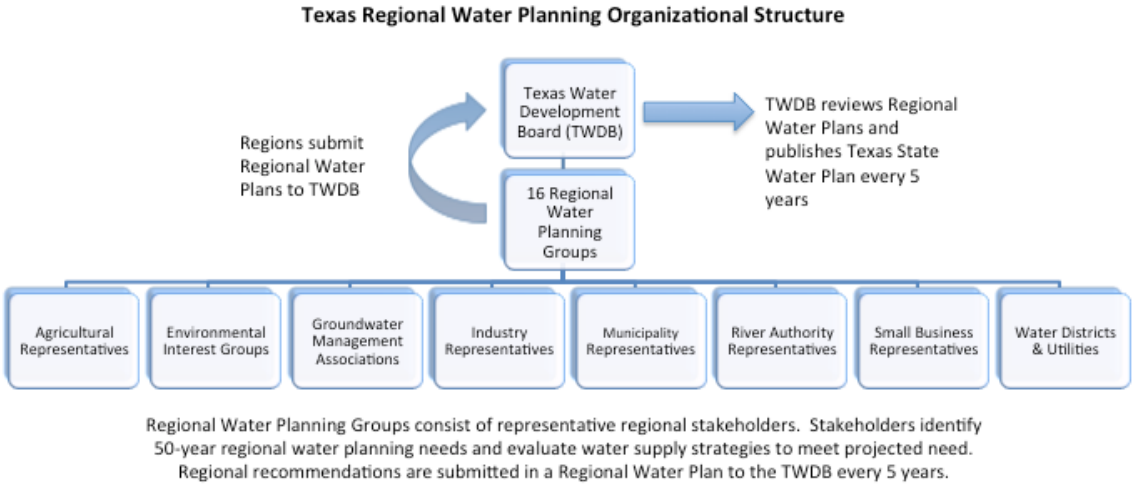


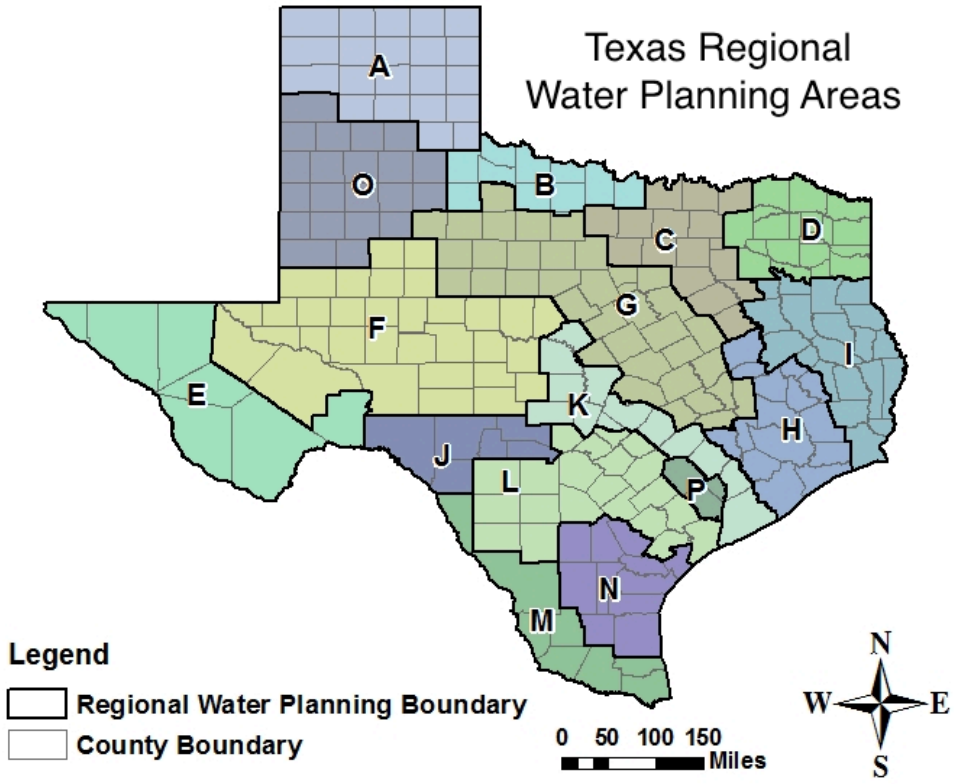
Figure 4: Texas Water Planning Organizational Structure. TWDB is the main state agency charged with managing state water planning. Additionally, 16 Regional Water Planning Groups (RWPGs) represent water-planning areas across the state. RWPGs are groups of local stakeholders who, every five years, determine regional water demands, needs, and management strategies for a 50-year planning cycle. RWPGs submit their recommendations to TWDB in a Regional Water Plan (RWP) every five years. TWDB reviews RWPs and compiles these reports into statewide water plans.

Regional Planning

The state has 16 regional water planning areas that are managed by individual RWPGs, Figure 5. RWPGs are made up of a collection of local stakeholders that represent a variety of interests, including agricultural representatives, environmental interest groups, industry representatives, municipalities, small business owners, water districts and utilities, power generation, river authorities, and groundwater management areas. Senate Bill 1, passed in 1997, defines the goals of the regional planning process:

> …to prepare a regional water plan… that provides for the orderly development, management, and conservation of water resources and preparation for and response to drought conditions in order that sufficient

water will be available at reasonable cost to ensure public health, safety, and welfare; further economic development; and protect the agricultural and natural resources of that particular region (S.B. 1, 1997).



Region	Region Name	Counties	2010 Projected Population	2060 Projected Population	2060 Projected Demand (acre-ft per yr)	2060 Projected Need (acre-ft per yr)	2060 Need per Capita (acre-ft per capita per year)
A	Panhandle	21	388,104	541,035	1,199,644	418,414	0.8
B	Region B	11	210,642	221,734	169,153	40,397	0.2
C	Region C	16	6,670,493	13,045,592	3,272,460	1,588,236	0.1
D	North East Texas	19	772,163	1,213,095	838,977	96,142	0.1
E	Far West Texas	7	863,190	1,542,824	699,586	226,569	0.1
F	Region F	32	618,889	724,094	814,991	219,995	0.3
G	Brazos	37	1,957,767	3,448,879	1,248,514	390,732	0.1
H	Region H	15	6,020,078	11,346,062	3,524,666	1,236,335	0.1
I	East Texas	20	1,090,382	1,482,448	1,490,596	182,145	0.1
J	Plateau	6	135,723	205,910	58,643	2,389	0.0
K	Lower Colorado	14	1,412,834	2,831,937	1,382,534	367,671	0.1
L	South Central Texas	21	2,460,599	4,297,786	1,291,567	265,567	0.1
M	Rio Grande	8	1,628,278	3,935,223	1,681,920	609,906	0.2
N	Coastal Bend	11	617,143	885,685	324,938	75,744	0.1
O	Llano Estacado	21	492,627	551,758	3,724,155	2,366,036	4.3
P	Lavaca	3	49,491	49,663	229,854	67,739	1.4

Figure 5: Texas Regional Water Planning Areas. Data collected from TWDB.

RWPGs are tasked with determining regional water supply availability, demands and needs, management strategies to meet these needs, and the impacts of said management strategies for a 50-year planning period. Management strategies are required to meet water demands under conditions of a repeat of the drought of record. The drought of record refers to 1950's Texas drought, which is the longest and most severe drought period in the state's history. Every five years each RWPG determines these conditions and compiles its management recommendations into a Regional Water Plan (RWP). Regional Water Plans are submitted to TWDB.

State Planning

TWDB is the agency responsible for statewide water planning. The goal of TWDB is to "provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas" (TWDB, "About the TWDB", 2013). TWDB reviews, approves, and compiles RWP into a single statewide planning document, the State Water Plan. The State Water Plan is published every five years, one year after Regional Water Plans are submitted. The State Water Plan includes all regional projections for population, demand, need, water management strategies, estimated project costs, project impacts, and legislative recommendations.

TWDB also manages several financial assistance programs, both grants and loans, that support preparation or revision of a RWP and implementation of specific management strategies. A few of these programs are: Flood Planning Protection, Drinking Water State Revolving Fund, Agricultural Water Conservation Grants and Loans, Regional Water Planning Group Grants, Rural Water Assistance Fund, Water Infrastructure Fund, and Water Research Grant Program. Each of these programs has requirements for applicants that exclude certain entities or projects for funding

consideration. A fund exclusively for State Water Plan Projects has historically been unavailable.

Funding

The proposed HB 4 creates the State Water Implementation Fund for Texas (SWIFT), which will provide $2 billion of low-interest loans for financing water management projects proposed in the State Water Plans. HB 4, as presented for public approval, requires in the 5-year period between State Water Plans that 10% of funding be used for rural political subdivisions or agricultural water conservation and 20% to support projects designed for water conservation or reuse (HB 4, 2013). The bill also requires prioritization of projects that serve large populations, meet a high percentage of regional water need, have large local funding contributions, have high prioritization from the region, and are from any regions with emergency needs (HB 4, 2013). Currently, the relative contributions of these priorities have not been quantified. Some of these evaluation criteria compete with each other.

Following passage of HB 4 by public vote in November 2013, a board will be appointed to oversee a stakeholder committee that will determine standards for evaluating projects for funding. After standards are established, local entities will be able to apply to TWDB to receive funding.

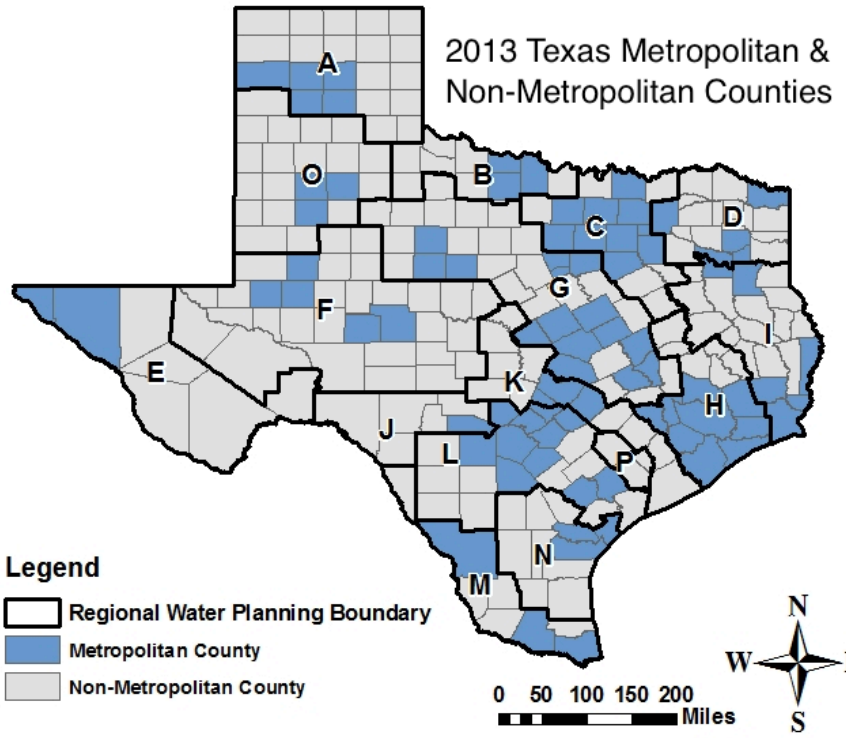
Conflicts

Until the SWIFT stakeholders committee determines evaluation standards, impartial distribution remains a concern and uncertainty associated with SWIFT funding. In an interview with Dr. Dan Hardin, Interim Deputy Director of Water Resources Planning & Information at TWDB, he explains conflicts over funding are bound to arise:

> There is a strong feeling of ownership over water. The mindset exists regardless of law or water rights. With prioritization you are pitting people against each other at the regional and state level and telling people certain water needs are more important than others (Hardin & Nelson, 2013).

Disputes between urban and rural water users, arid and humid regions, junior and senior water rights holders, and municipal and industrial users are a few of the traditional conflicting water interests in the state. They are also background context for prioritization. This research will primarily focus on the effects of project selection on urban vs. rural and dry vs. humid conflicts.

Out of 254 counties in Texas, the U.S. Census Bureau Office of Management and Budget considers 81 counties metropolitan areas, areas with populations greater than 50,000 people (USCB OMB, 2013). Metropolitan designations will refer to urban areas in this study. Non-metropolitan areas have populations less than 50,000 and will be referred to as rural and sub-urban areas. The distribution of metropolitan and non-metropolitan counties in water planning regions varies across the state, Figure 6. Regions C, H, and L have a majority of metropolitan counties. Regions A, J, N and O have a majority of non-metropolitan counties. The remaining water planning regions have a relatively even combination of metropolitan and non-metropolitan areas. Urban and rural water users have different needs and uses. Conflicts between these water users arise when considering funding projects that provide water for large populations to projects that more equitably address the needs of all water users.



Texas Metropolitan & Non-Metropolitan Area Summary Table			
	Number of Counties	Population	Area (sq miles)
Metropolitan	81	21,985,088	76,029
Non-Metropolitan	173	3,160,473	185,205
Data provided by the U.S. Census Bureau & Texas State Library and Archives Commission			

Figure 6: Metropolitan and Non-Metropolitan counties in Texas. Data collected from U.S. Census Bureau and Texas State Library & Archives Commission, 2013.

In addition to urban vs. rural tension, arid vs. humid areas is another delineation likely to characterize potential for water conflict in the state. This conflict primarily arises when considering water transfer projects, where water from areas with plentiful water supplies is transferred to areas with unmet water needs, but it can also apply more

broadly to funding biases related to climate and water availability. Biased funding of dry or humid area projects raises the question: are water needs of arid regions more of a priority than humid regions? In this study, the arid vs. humid conflict will be evaluated using 20-year regional averages of Palmer Drought Severity Indices. The Palmer Drought Severity Index (PDSI) is a drought measure that incorporates temperature, precipitation, and soil moisture content to evaluate when locations change from normal to dry or wet conditions. PDSI values range from -4 to 4, where -4 indicates extremely dry conditions and 4 signifies extremely moist conditions. Many U.S. government agencies use PDSI to trigger drought assistance programs. Seasonal and annual climate variation can be tracked with PDSI, as shown in Figure 7. Years with negative PDSI values indicate statewide drought periods. To minimize climate variation and obtain a representative view of climate across the state, 20-year PDSI averages will be used to indicate arid and humid regions.

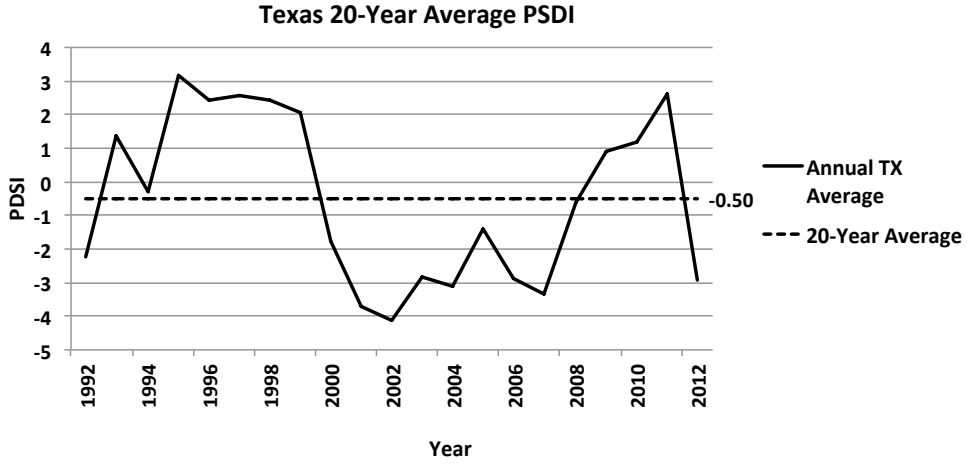


Figure 7: Texas 20-Year PDSI Average from 1992 – 2012. Years with negative PDSI values represent periods of drought as seen from 2000-2007 and 2011 – 2012. The dashed line shows the 20-Year Average PDSI for the state. The average value of -0.50 indicates 1992-2012 was a dry period in Texas. Data from National Oceanic & Atmospheric Administration (NOAA).

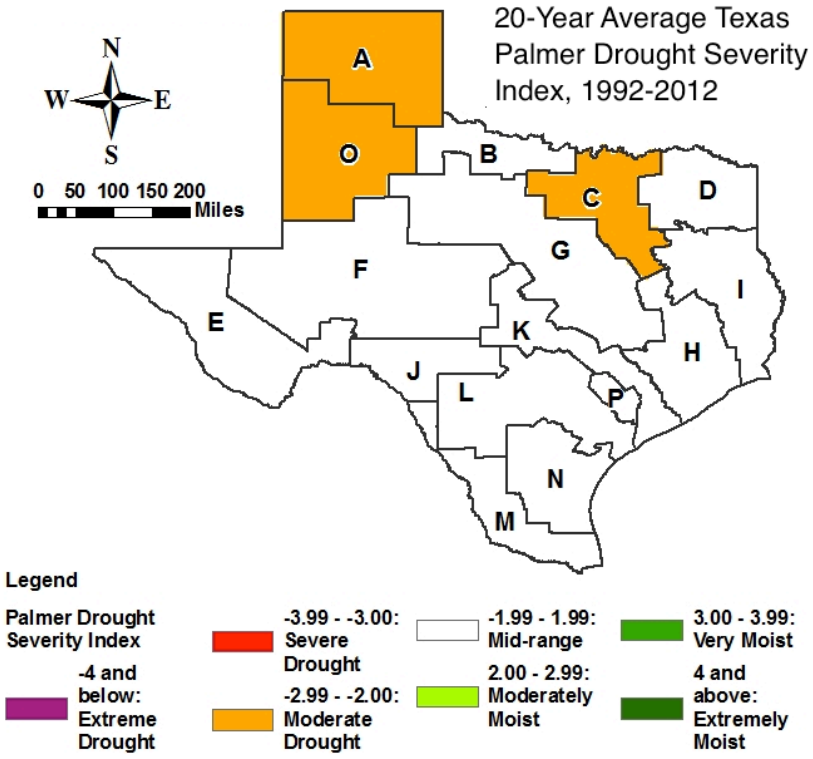


Figure 8: Map of Texas 20-Year PDSI Average from 1992 – 2012. Region A, C, and O are the only regions to average moderately severe drought conditions. Data from NOAA, National Climate Data Center

The 20-year regional PDSI average indicates three regions that experienced moderate drought conditions: Region A, C, and O, Figure 8. The remaining regions averaged mid-range drought conditions. This report will describe moderate drought conditions as "arid" and mid-range conditions as, relatively "humid".

Water Supply Management Strategies

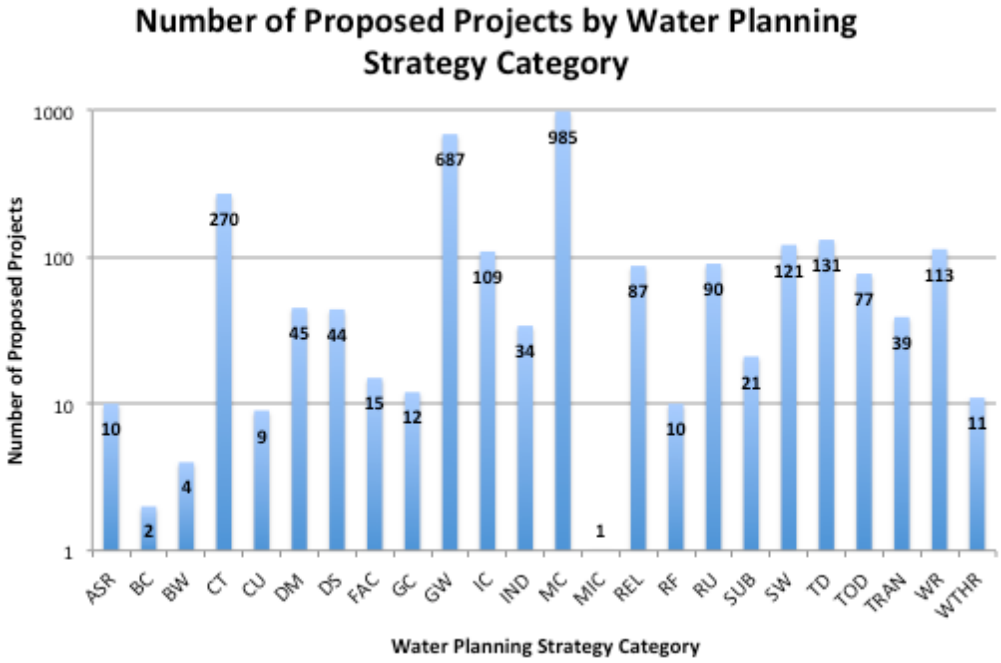
For this analysis, projects proposed in the 2012 State Water Plan have been categorized into common management strategy categories. There are 24 categories of management strategies proposed in the 2012 State Water Plan of Texas, Table 1.

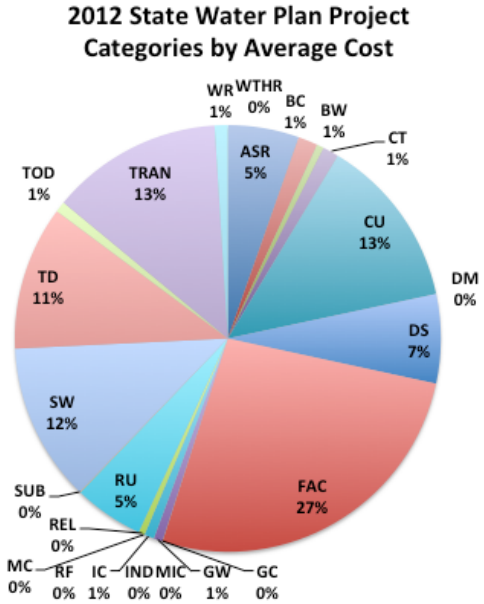
Conservation (including municipal, irrigation, industrial, and general conservation) with a total of 1141 proposed projects accounts for the largest category of proposed projects as shown in Table 1 and Figure 9. Groundwater follows with 687 projects. Conservation strategies also account for projects with the lowest average capital cost. Facilities improvements and expansions, conjunctive use, surface water, transfers, and treatment and distribution rank as the most capital intensive with average capital costs ranging from $242 million to $99 million per project. In terms of supply, conjunctive use and conservation projects have the highest average water supplied per proposed project, with average supplies of 119,034 and 80,407 acre-ft respectively. Brackish water and return flow strategies average the lowest for water supplied per project.

Each of the projects included in the 2012 State Water Plan have individual and measurable attributes that can be used to compare alternative projects. While all of the projects proposed in the plan contribute some positive value to the state's water future, some strategies may be better suited to address regional needs and state goals.

Planning Strategy Category Descriptions					
Category	Abbreviation	# Projects	Average Cost ($)	Average Water Supplied (acre-ft)	Description
Aquifer Storage & Recovery	ASR	10	49,300,000	27,064	Aquifer Storage & Recovery and related projects
Brush Control	BC	2	13,500,000	8,446	Brush Control related projects
Brackish Water	BW	4	5,000,000	2,386	Development of saline aquifer zones; development of blended brackish surface waters
Contracts	CT	270	11,000,000	13,483	Contracts and purchases
Conjunctive Use	CU	9	118,600,000	119,035	Conjunctive use of surface and groundwater
Drought Management	DM	45	0	11,251	General drought management projects
Desalination	DS	44	61,500,000	16,511	Desalination and related projects
Facilities Improvements & Expansions	FAC	15	240,000,000	9,954	Facility improvement and expansion projects
General Conservation	GC	12	127,500	33,897	Includes conservation related outreach and education
Groundwater	GW	687	6,100,000	18,888	Includes new well fields and expanded groundwater production
Irrigation Conservation	IC	109	6,800,000	25,325	Includes various irrigation conservation projects, including irrigation scheduling and development of new rice varieties
Industrial Conservation	IND	34	0	7,664	Includes conservation for manufacturing and mining
Municipal Conservation	MC	985	25,000	13,513	Includes basic and expanded municipal water conservation
Municipal & Irrigation Conservation	MIC	1	0	8	Conservation related to municipal and irrigation conservation
Reallocation of Supply	REL	87	4,300,000	13,928	Reallocations of current supplies
Return Flow	RF	10	0	1,363	Return flow related projects
Reuse	RU	90	48,000,000	13,755	Includes reuse and related projects
Subordination Agreement	SUB	21	390,000	9,300	Includes all legal agreements in which senior water rights holders subordinate water use to a junior water rights holder
Surface Water	SW	121	109,500,000	14,622	Includes surface water reservoirs
Water Treatment or Distribution	TD	131	99,600,000	5,964	Includes wastewater treatment, conveyance, and general distribution projects
Temporary Overdraft	TOD	77	7,500,000	18,635	Temporary overdraft as interim strategies
Transfers	TRAN	39	118,600,000	13,088	Transfers of water supply
Water Rights	WR	113	9,100,000	11,657	Includes acquisition of water rights through purchase and urbanization, new/renew contracts, permits
Weather Modification	WTHR	11	0	38,084	Includes general weather modification and precipitation enhancement projects

Table 1: State Water Planning Project Categories. Data collected from 2012 State Water Plan.





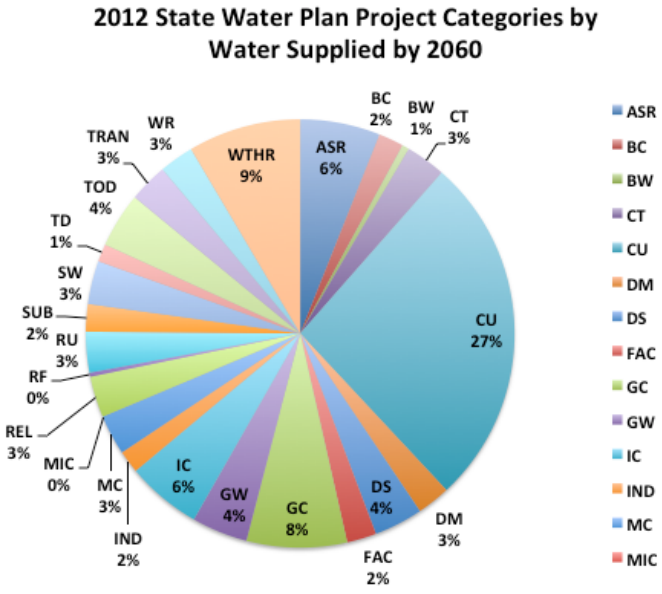


Figure 9: State Water Planning Project Categories. Legend for abbreviations is listed in Table 1 on page 17. Data collected from 2012 State Water Plan.

Multicriteria Decision Modeling in Water Planning

This investigation of Texas water planning utilizes a multiple criteria decision framework to prioritize water-planning projects. Multicriteria decision analysis evaluates and ranks a set of alternatives based on the ability to satisfy multiple objectives that define an overall goal. Hajkowicz and Collins (2007), in a review of multiple criteria analysis applications for water resource planning and management published in the journal Water Resources Management, define multicriteria decision analysis as a model, which contains the following:

- A set of decision options that need to be ranked or scored by the decision maker
- A set of criteria, typically measured in different units; and
- A set of performance measures, which are the raw scores for each decision option against each criterion.

Hajkowicz and Collins reviewed 113 published water management studies that utilized multicriteria decision analysis and evaluated trends in the studies. The findings of their report suggest that applications of multicriteria decision analysis are extensive and increasing in the field of water management (Hajkowicz & Collins, 2007). The authors attribute this positive trend to six characteristics of multicriteria analysis (Hajkowicz & Collins, 2007):

1. Transparency and accountability by stating decision criteria and weights
2. Conflict resolution partly from transparency and joint development of criteria
3. Multi-stakeholder engagement and community participation
4. Uses rationality to inform choice
5. Inclusion of non-financial and distributional issues
6. Auditability, as the model can be easily recreated

Multicriteria analysis provides a suitable framework for impartially ranking alternatives, managing conflict, and aiding Texas decision makers in identifying tradeoffs among the options for distributing funds while also, providing information that may help reduce and/or manage conflict over project selection.

For this analysis proposed water planning strategies will be referred to as "Alternatives" because they are the options being evaluated and ordered. "Goal" will imply optimally prioritizing alternatives based on scenario-specific decision criteria. "Decision criteria" and "measures" represent characteristics that can be evaluated to describe an overall goal. "Levels" are raw scores for a decision criterion. "Preference" is a desired level or outcome for decision criteria. For example if the goal is to implement a project with low capital costs, and a new surface water reservoir has capital costs of $100,000. The new surface water reservoir represents an alternative, capital cost is a decision criterion, minimizing cost is a preference, and $100,000 is the level for the surface water reservoir capital cost.

Chapter 2: Methodology and Data Sources

METHODOLOGY

The methodology of this analysis can be divided into main three parts: model preparation and development, decision model analysis, and funding analysis. Each of these parts will be discussed in detail.

Figure 10 depicts the Decision Making Flow Diagram and workflow process used to complete analysis for this study. Microsoft Excel and Logical Decisions Software were the primary tools used for both data preparation and analysis. Microsoft Excel was also used to create figures of analysis results.

Model Preparation & Development

The decision model was constructed in several steps: 1) defining goals, alternatives, decision criteria, and measures, 2) creating a goals hierarchy, 3) assessing preferences, 4) determining scenarios, and 5) assembling a decision matrix.

Defining Goals, Objectives, Measures, & Alternatives

The first step of model development was to state the overall goal or decision the model would be made to answer: prioritize 2012 State Water Plan proposed water management projects. The 2,927 water management strategies proposed in the 2012 State Water Plan were then identified as the alternatives the module would evaluate. A variety of decision criteria based on regional and state values were considered to create a model that accurately and objectively characterizes how Texas decision makers might prioritize proposed projects.

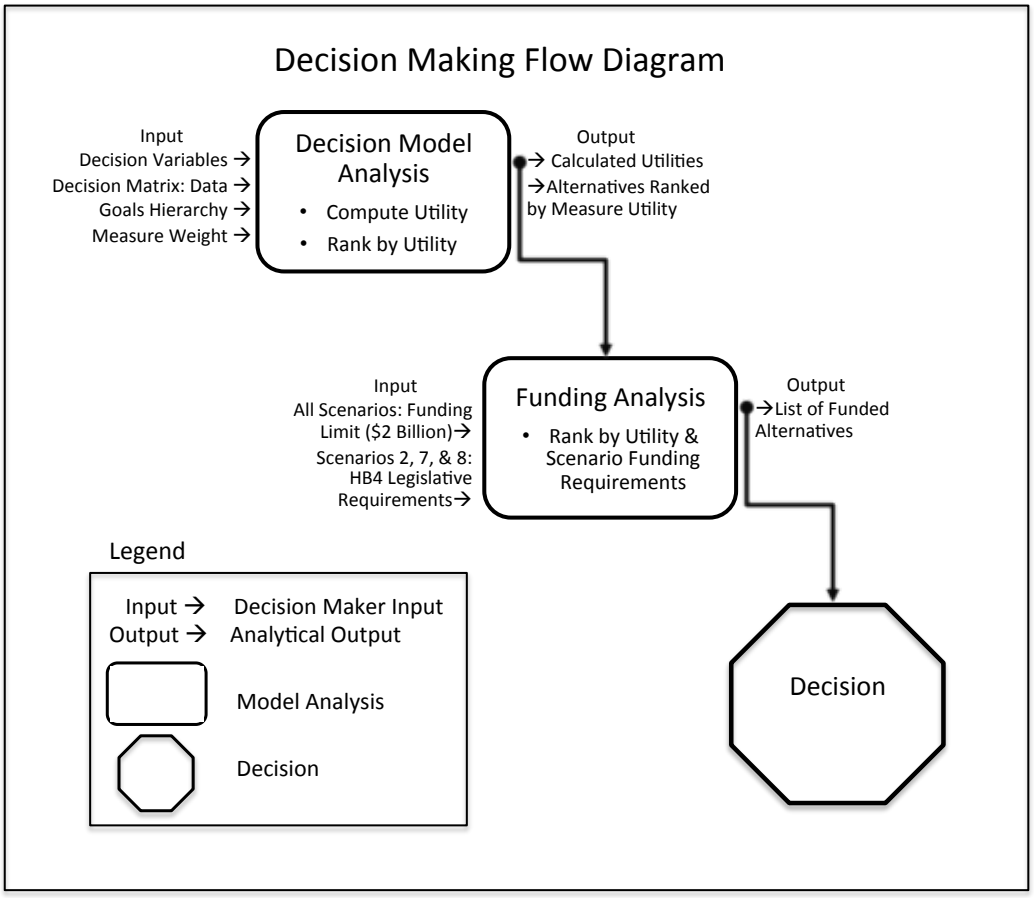


Figure 10: Decision Making Flow Diagram. This figure illustrates the general methodology followed in this analysis. Decision maker inputs, which include model preparation and development, and scenario inputs are shown as arrows pointing into model analysis components. Arrows coming out of analysis boxes represent outputs. If an output has an arrow pointing the output to another analysis, this shows that the output is applied as an input to the subsequent analysis step. Once all of the decision inputs and model analysis have been complete, a decision can be made. The sequence represented by this figure is repeated for each scenario.

Organizational and policy values of regional and state water planning entities were considered in the decision criteria selection process. Organizational values were ascertained through review of RWPG and TWDB mission statements, previously introduced in the Background section, and an interview with Dr. Dan Hardin and Matt Nelson from Water Resources Planning & Information division of TWDB. These values include: "providing adequate water supplies," "stabilizing or improving economic and social viability," "respecting laws, water right and ownership," "fund recommended projects, which are most needed as determined by regional planning groups," drought preparedness, and reliability (Texas Water Development Board, 2012) (Hardin & Nelson, 2013) (High Plains Water District, 2009).

Policy values of the state were also established from review of HB 4, which included the following: "cost-effectiveness," "serves a large population," "local contribution to be made to finance the project," "emergency need," "priority given the project by the applicable regional water planning group," "demonstrated effect of the project on water conservation," and "demonstration that the applicant is accountable with regard to reducing water loss" (HB 4, 2013).

Values were then organized into three categories: project criteria, regional criteria, and legislative criteria, Table 2. Project and regional decision criteria are used in the Logical Decision analysis.

Project specific criteria include normalized project cost and reliability in drought. Normalized project costs are the capital cost of a project divided by the total water supplied by the project by 2060. Normalized project costs vary by water planning region and by planning strategy category, Figures 11 and 12. Region C has the highest average normalized cost for proposed projects of over $8 million per acre-ft, an order of magnitude greater than Regions A, G, and M who have the next largest values. Region P

has the lowest normalized cost, $0. Region P has a total of two proposed projects, both with $0 capital costs, which is atypical (TWDB, 2012). Demand management (DM), conservation (all types), weather modification (WTHR), and return flow (RF) strategies have the lowest average normalized costs. Whereas heavy infrastructure projects, facilities improvements and expansion (FAC), water treatment or distribution (TD), temporary overdraft (TOD), and surface water (SW) projects have the highest normalized costs.

Decision Criteria Table			
Criteria	Objective	Units	Description
Project Criteria			
C1	Normalized Cost (Maximize)	$/acre-ft	Capital cost of project per unit of water supplied up to 2060
C2	Reliability in Drought (Maximize)	Scale from 1-5, where 1 is sustainable, 3 is interruptible in drought, and 5 is unsustainable	Qualitative regional rating of project reliability
Regional Criteria			
C3	Regional Prioritization Rank (Maximize)	Year	Relative ranking of regional projects by planned implementation year in Regional and State Water Plans
C4	Population Served[1] (Maximize)	Number of population served	Estimated based on metro/non-metro designation of sponsor service area/counties
C5	Percentage of Total Cost Requested for Funding (Minimize)	Percentage	Constant or Randomly assigned depending on scenario
C6	Regional Water Need (Maximize)	Acre-ft per capita per year	Quantity of estimated water needed by region in 2060 divided by the 2060 projected regional population
C7	Regional Annual Growth Rate of Water Use (Minimize)	Percentage	Average of annual growth rates of historical regional water use from 2000-2011
Legislative Criteria			
C8	10 % of funding to rural political subdivisions or agricultural conservation	Percentage	10% of funding will be distributed to projects related to rural political subdivisions or agricultural conservation
C9	20 % of funding to conservation & reuse projects	Percentage	20% of funding will be distributed to conservation & reuse projects

Table 2: Decision Criteria Table. This figure lists and describes decision criteria organized into three criteria categorizations: project, regional, and legislative criteria. Criteria units and preferences are shown.

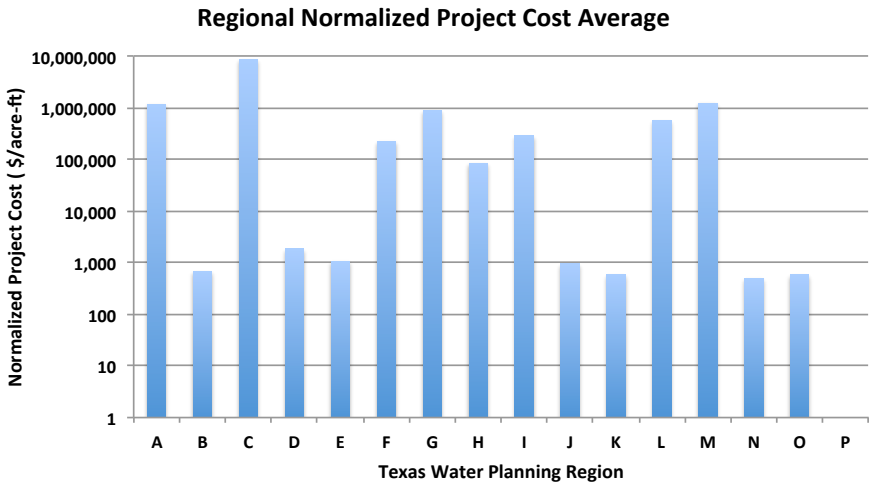


Figure 11: Average Normalized Project Cost by Region. Region C has the highest average normalized cost, orders of magnitude higher than the next region. Data collected from 2012 State Water Plan.

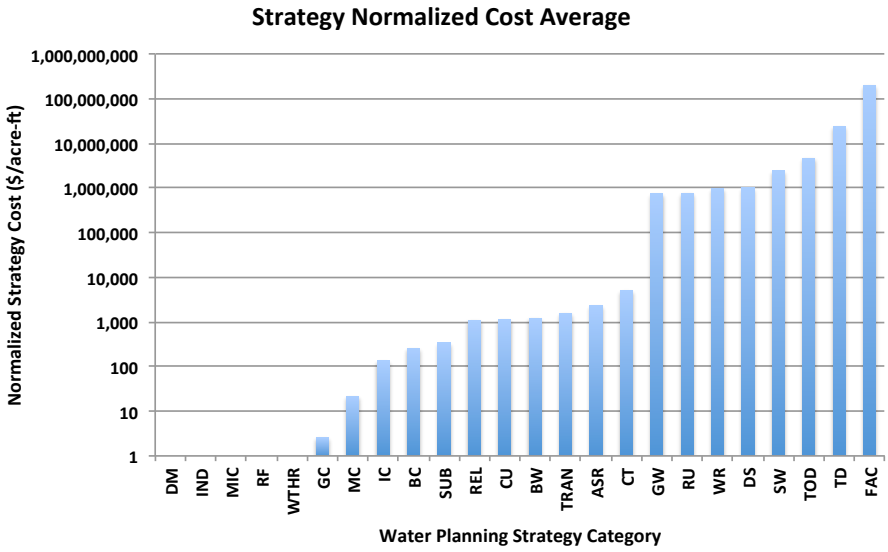


Figure 12: Average Normalized Project Cost by Strategy Category. Strategies requiring minimal infrastructure account for the lowest normalized average costs. Infrastructure intensive projects tend to have the highest normalized costs. Data collected from 2012 State Water Plan.

Reliability is determined by the respective RWPG based on sustainability of a water supply in times of drought. Regional reliability ratings are inconsistently reported in Regional Water Plans. Some regions use numeric scales from 1-5 or 1-3 to describe reliability, with 1 being the most reliable. Other regions report reliability using terms: "good" "firm" "high" "medium" "low". To account for this variability, all reliability values were converted to a consistent scale from 1-5, where 1 = sustainable in drought, 3 = interruptible in drought, and 5 = unsustainable. "Good" and "firm" reliabilities were interpreted to be sustainable in drought.

The distribution of average project reliability varied between regions and strategy categories. Three regions have an average reliability of 1 and nine regions have an average reliability greater than 2, Figure 13. One region, Region J, has a reliability greater than 3. The majority of regions have average project reliabilities that are sustainable in drought.

Strategies that involve infrastructure, water rights or contracts, or reuse are on average given the highest reliability ratings, Figure 14. General conservation, brush control, and weather modification are on average rated as the most unreliable strategy categories. Many regions reported in their RWP that the reliability of conservation programs and brush control in drought conditions is uncertain. Further investigation into the reliability of these strategies might alter the reliability values reported for these projects and better inform the decision process.

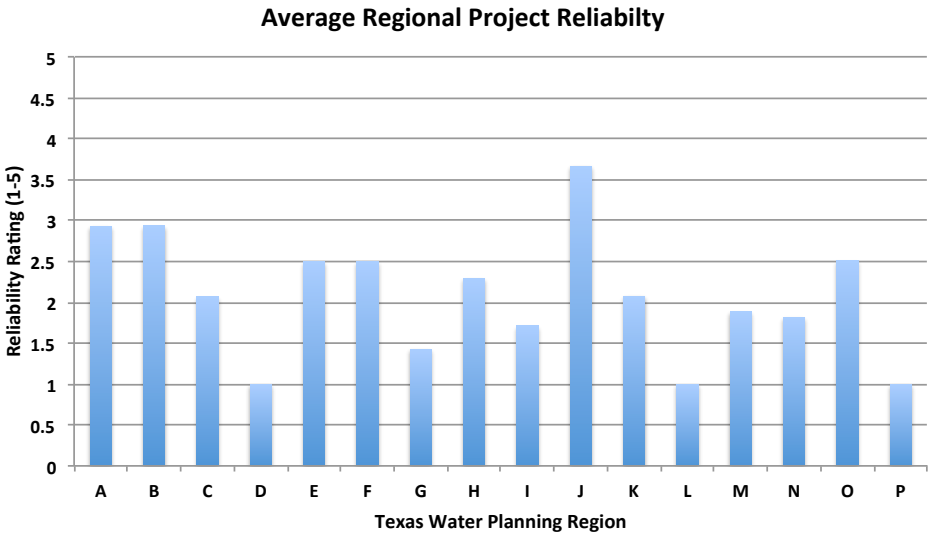


Figure 13: Average Project Reliability by Region. 1 = sustainable in drought, 3 = interruptible in drought, and 5 = unsustainable. The majority of regions have projects with average reliabilities that are sustainable in drought. Data collected from Regional Water Plans.

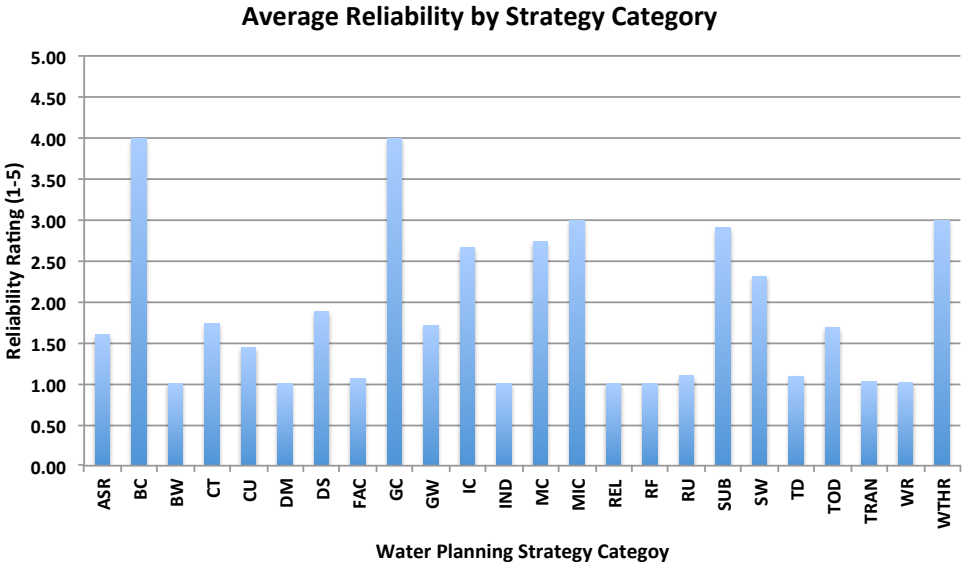


Figure 14: Average Project Reliability by Strategy Category. 1 = sustainable in drought, 3 = interruptible in drought, and 5 = unsustainable. Data collected from Regional Water Plans.

Selected regional decision criteria include: regional prioritization rank, size of population served, regional annual water use growth rate, regional water need, and percentage of total cost requested for funding.

Regional prioritization rank is expressed in yearly units and estimated based on proposed regional implementation decade between 2010 and 2060, where projects with water supplies available in 2010 are prioritized higher than projects with supplies first available in 2060. This method estimates regional prioritization of proposed projects. It does not, however, take into account a more detailed ordering of projects implemented in the same decade. The distribution of alternatives by implementation date is skewed toward earlier decades of the 50-year planning period, Figure 15. Over 50 percent of projects have proposed implementation dates between 2010-2020. Over 75 percent of projects have proposed implementation before 2030.

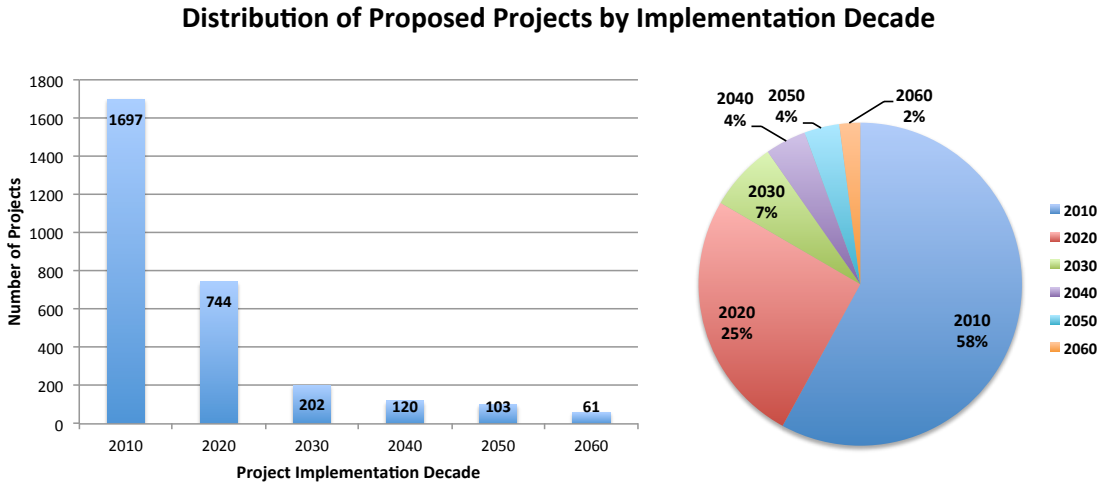


Figure 15: Distribution of Proposed Projects by Implementation Decade. Over 50 percent of projects have proposed implementation dates between 2010-2020. 75 percent of proposed projects will be implemented by 2030. Data collected from 2012 State Water Plan.

Population served relates to the "serves a large population" value from HB 4 (HB 4, 2013). Population served is estimated based on the metropolitan and non-metropolitan designation of the project sponsor's service area or county. Metropolitan refers to an area with a population greater than 50,000 and is preferred in the model to non-metropolitan areas, which have populations less than 50,000 (U.S. Census Bureau, 2013).

Percentages of metropolitan and non-metropolitan projects per region reflect the urban and rural compositions of each region, Figure 16. Based on this, Regions A, F, I, J, O, and P serve a majority of rural water users. Regions C, E, H, L, and M serve a majority of urban water users. Regions B, D, G, K, and N serve a mix of urban and rural water users.

Examining the percentage breakdown of metropolitan and non-metropolitan projects by strategy category, Figure 17, reveals several proposed strategies predominantly serve non-metropolitan areas: demand management, facility improvement and expansion, desalination, reallocation of supplies, reuse, temporary overdraft, transfers, and water rights.

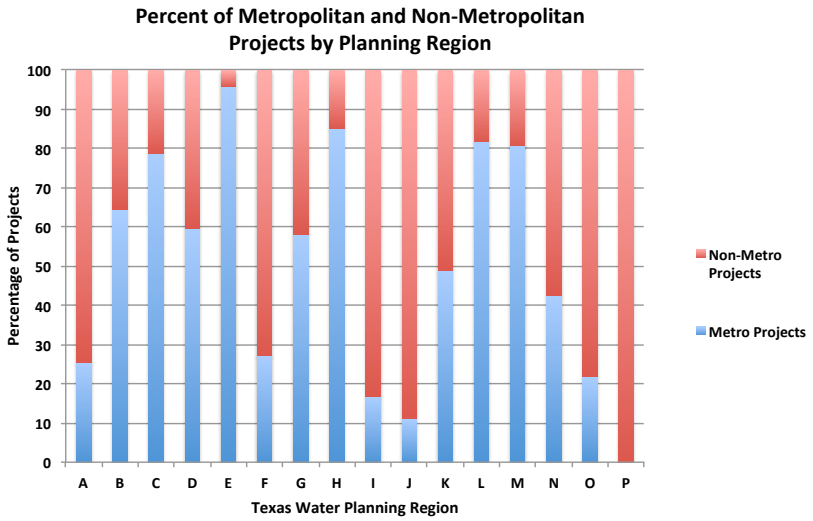


Figure 16: Percent of Metropolitan and Non-Metropolitan Projects by Planning Region. This figure shows the percentage of projects per region that serve metropolitan and non-metropolitan areas. This classification reflects regional urban and rural composition. Regions A, F, I, J, O, and P serve a majority of rural water users. Regions C, E, H, L, and M serve a majority of urban water users. Data collected from TWDB and U.S. Census Bureau.

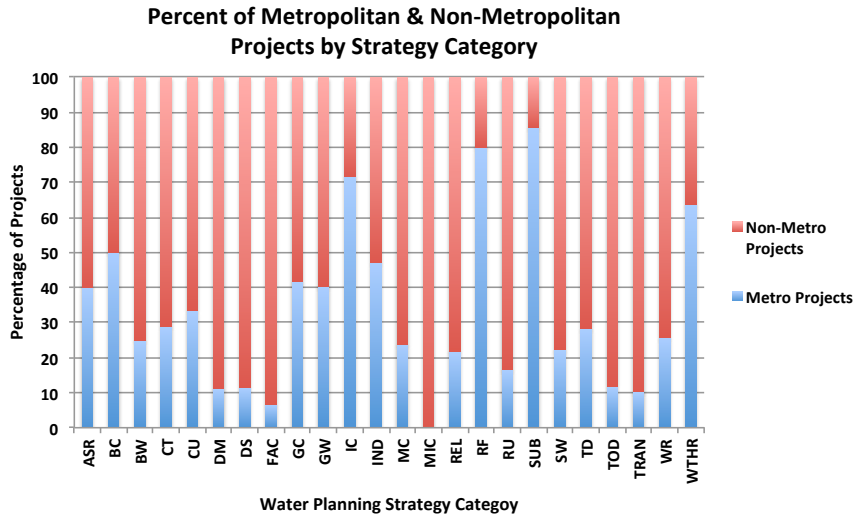


Figure 17: Percent of Metropolitan and Non-Metropolitan Projects by Strategy Category. This figure shows the percentage of projects per strategy category that serve metropolitan and non-metropolitan areas. Data collected from TWDB and U.S. Census Bureau.

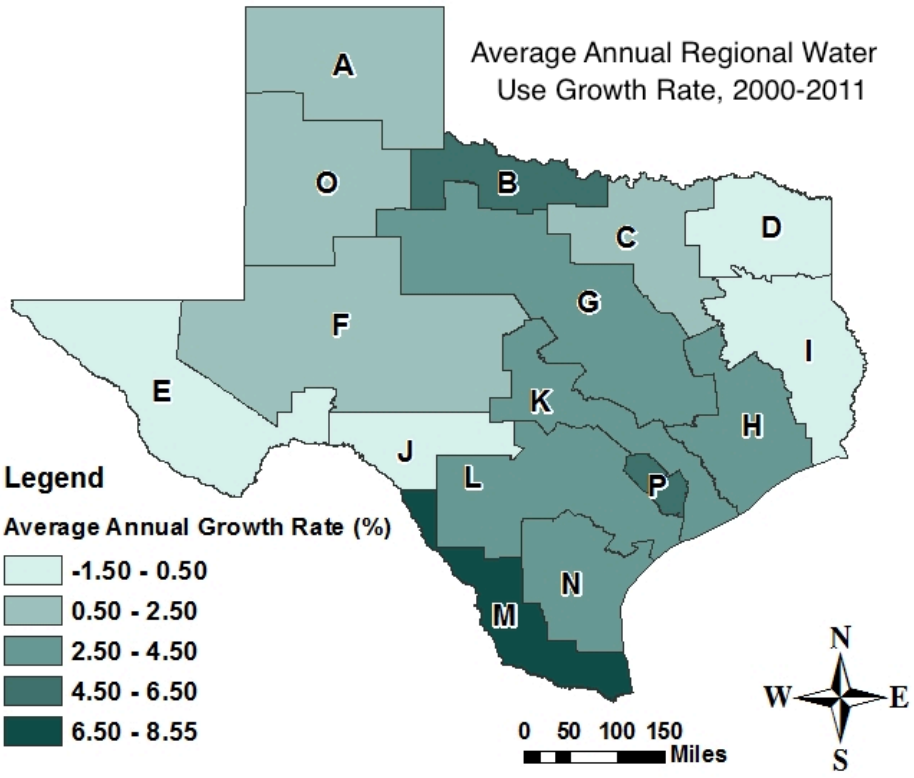


Figure 18: Average Annual Regional Water Use Growth Rate, 2000-2011. This figure shows the annual regional change in water use averaged over ten years. Negative growth rates indicate overall reduction in water use.

Annual water use growth rate is included as a decision criterion based on the HB 4 value of "demonstration that the applicant is accountable with regard to reducing water loss" (HB 4, 2013). Annual growth rate is calculated from the percent change in water use between two years. Growth rates are then averaged over a period of time to find an average annual growth rate. Annual water use growth rates have been averaged from 2000-2011. Growth rate calculations are based on regional water use data from the TWDB Historical Water Use database and are the recommended way to evaluate efficiency of regional water use (Hardin & Nelson, 2013). Negative growth rates indicate reduction in water use, which can be an indicator of water use efficiency. Four regions reduced their water use from 2000-2011, Figure 18.

Regional water need is included as a decision criterion based on the HB 4 value of relative regional needs (HB 4, 2013). Regional water need is estimated based on 2060 projected per capita water need with units of acre-ft per capita per year. Although nearly all of the regional per capita water needs falls between 0.30 – 0.75 acre-ft per person per year, there is some variation between regions, Figure 3.

Percentage of project cost locally funded is included based on HB 4 value "local contribution to be made to finance the project" (HB 4, 2013). This decision criterion does not currently have data available. Values will be assigned to alternatives randomly or uniformly, based on scenario constraints. Although data are not available, evaluation of this criterion under different conditions might provide interesting results on the number and types of projects funded based on the percentage of local funding.

Legislative criteria include HB 4 funding requirements: $2 billion of funding, 10 percent of funding must be given to rural political subdivisions or agricultural conservation, and 20 percent of funding must be applied to conservation and reuse projects (HB 4, 2013). Legislative criteria are applied in the Excel funding analysis.

Creating a Goals Hierarchy

After decision criteria were established, a goals hierarchy was created to organize criteria and structure the decision problem. The goals hierarchy, Figure 19, was built in Logical Decisions. It identifies the overall goal as prioritization of projects. Two sub-goals were then defined: evaluation of project and regional criteria. Each of the decision criteria was then listed under the appropriate sub-goal.

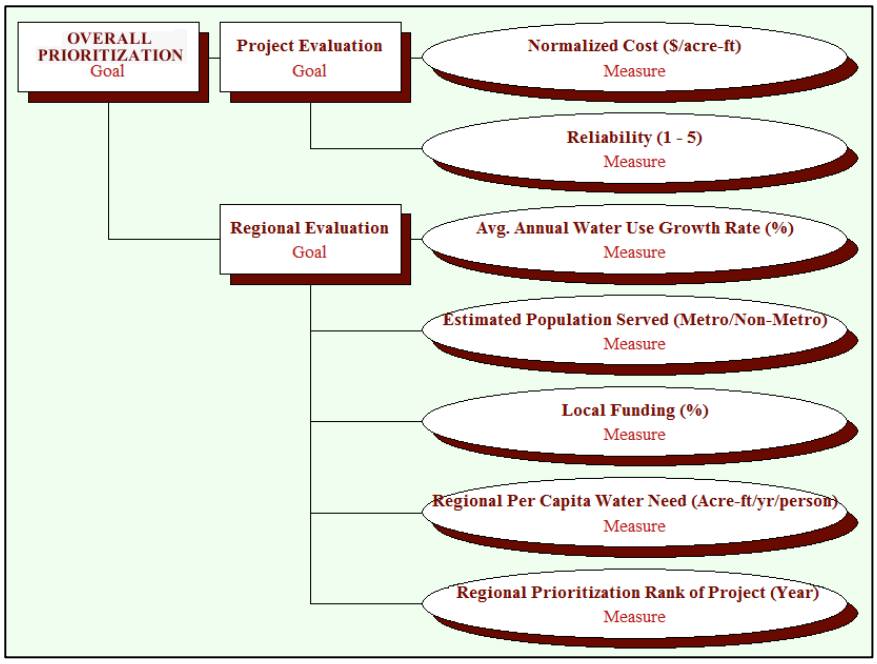


Figure 19: Goals Hierarchy. Shows the relationship between the decision criteria and goals. The overall goal is divided into two sub-goals: project and regional evaluations. The seven decision criteria are then organized by appropriate sub-goal.

Assessing Preferences

Completion of the goals hierarchy concludes the objective portion of model development. Preference assessment requires more subjective decision maker inputs that determine preferred values and weights for criteria. Preference assessment is completed in three steps: defining preferred values, converting decision criteria levels to common units, and assigning criteria weights.

Defining preferred values was done in the goals hierarchy view in Logical Decisions by selecting a decision criterion, clicking the "Scale" tab, and entering most and least preferred levels in the "Most Preferred Level" and "Least Preferred Level" edit boxes. This process was repeated for each criterion. Most and least preferred values were chosen based on the minimum and maximum levels for each criterion. Most

preferred level for normalized cost is $0, and least preferred level is $2.3 million. Most preferred level for reliability is 1, sustainable in drought, and least preferred is 5, unsustainable in drought. Average annual water use growth rate most preferred is -1.68, the lowest average annual growth rate, and least preferred is the largest average annual growth rate, 9.29. The population served criterion prefers high population to low population or metropolitan to non-metropolitan. Local funding percent prefers 90% to 10%, which favors projects with large local contributions. Most preferred level for regional per capita need is 4.3 acre-ft per person per year, and least preferred level is 0.012 acre-ft per person per year. Regional prioritization rank prefers early implementation dates (2010) to delayed implementation dates (2060).

Logical Decisions converts measure levels to common units in order to compare criteria with different units. This conversion can be done several ways. For this analysis, single utility functions (SUF) were used to define common units. Single utility functions linearly assign utilities to levels based on preferred values. Most preferred levels are assigned a utility value of 1, the most preferred utility. Least preferred levels are assigned a utility of 0, the least preferred utility. Figure 20, shows an example of the common units assessment for normalized cost criteria, where the most preferred levels, low cost projects, are assigned the highest utilities.

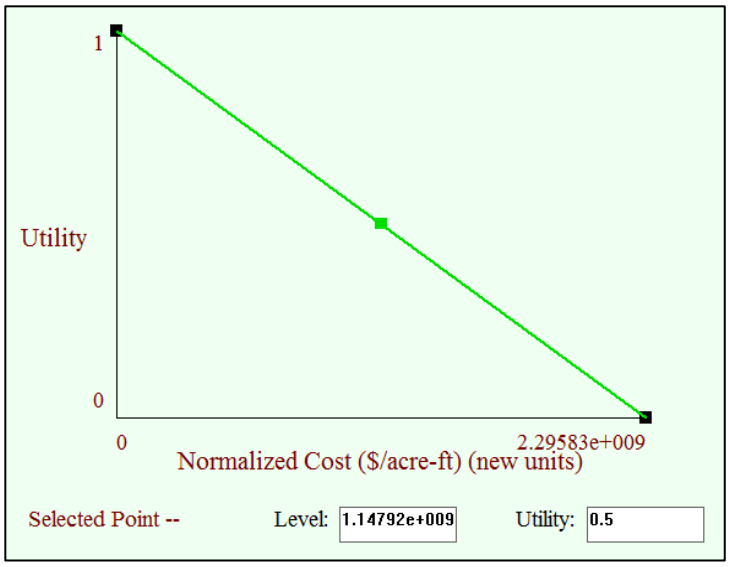


Figure 20: SUF for Normalized Cost Common Units. Shows the linear relationship between most and least preferred levels and common unit utilities.

Criteria weights were entered into Logical Decisions using the "direct entry" method. Weights are dependent on scenario requirements. Two weight preference conditions are examined by the eight scenarios: equal criteria weight and equal sub-goal weight. Equal criteria weight divides the total utility, 1, equally between criteria. Equal sub-goal weight divides the total utility equally between sub-goals (project evaluation criteria and regional evaluation criteria). Half of the utility (0.5) is then divided equally among criteria for each sub-goal. Scenarios 1, 2, 3, 5, and 7 have equally weighted criteria. Scenarios 4, 6, and 8 have equally weighted sub-goals. These two weight preference conditions were chosen to compare the effects of equally and unequally weighted decision criteria on alternative selection. All criteria weights should sum to 1 for each scenario. Scenarios and criteria weights are described further in Table 3.

Scenario Description Table										
		Criteria Weights								
		Project Criteria		Regional Criteria					Legislative Criteria[1]	
Scenario	Description	C1	C2	C3	C4	C5	C6	C7	C8	C9
Scenario 1	Evaluation of alternatives based solely on project evaluation criteria; project criteria are equally weighted	0.5	0.5	0	0	0	0	0	N	N
Scenario 2	Evaluation of alternatives based on project evaluation and legislative criteria; project criteria are equally weighted	0.5	0.5	0	0	0	0	0	Y	Y
Scenario 3	Evaluation of alternatives based on project and regional criteria (with percent of funding requested uniformly assigned); all criteria are equally weighted	0.143	0.143	0.143	0.143	0.143	0.143	0.143	N	N
Scenario 4	Evaluation of alternatives based on project and regional criteria (with percent of funding requested uniformly assigned); project and regional sub-goals weighted 50%	0.25	0.25	0.1	0.1	0.1	0.1	0.1	N	N
Scenario 5	Evaluation of alternatives based on project and regional criteria (with percent of funding requested randomly assigned); all criteria are equally weighted	0.143	0.143	0.143	0.143	0.143	0.143	0.143	N	N
Scenario 6	Evaluation of alternatives based on project and regional criteria (with percent of funding requested randomly assigned); project and regional sub-goals weighted 50%	0.25	0.25	0.1	0.1	0.1	0.1	0.1	N	N
Scenario 7	Evaluation of alternatives based on project, regional (with percent of funding requested uniformly assigned), and legislative criteria; project and regional sub-goals weighted 50%	0.143	0.143	0.143	0.143	0.143	0.143	0.143	Y	Y
Scenario 8	Evaluation of alternatives based on project, regional (with percent of funding requested randomly assigned), and legislative criteria; project and regional sub-goals weighted 50%	0.25	0.25	0.1	0.1	0.1	0.1	0.1	Y	Y

[1]Legislative Criteria are not used as inputs in the Logical Decisions (LD) analysis and do not require the weight assessment as the project and regional criteria. Legislative criteria are applied after LD analysis as an additional filter for which projects would be selected for funding. Y = Applicable to scenario. N = Not applicable to scenario.

Table 3: Scenario Description Table. Scenarios and respective criteria weights are described. Weights for each scenario should total to 1. Legislative criteria are applied during Excel funding analysis and do not require weight assessment, Y indicates legislative criteria are applicable to a scenario. N indicates legislative criteria are not applicable to a scenario.

Determining Scenarios

Eight scenarios were selected for modeling. Each scenario uses the same decision model but varies the weights of decision criteria. Scenarios 1 and 2 consider

only the project evaluation criteria, equally weighted, as measures for Logical Decisions analysis. Scenarios 3, 4, 5, 6, 7, and 8 consider both project and regional evaluation criteria during the Logical Decision analysis. Scenarios 3, 4, and 7 uniformly assign percent of local funding at 50% per alternative. Scenarios 5, 6, and 8 randomly assigned from 10 – 90%. Scenarios 3 and 5 decision criteria are equally weighted. Scenarios 4, 6, 7, and 8 sub-goals are equally weighted. Scenarios 2, 7, and 8 are based on the same Logical Decision analysis as scenarios 1, 4, and 6, respectively. However, Scenarios 2, 7, and 8 also have additional legislative criteria applied during the Excel Funding analysis. These scenarios were selected because their results allow comparisons of the effects of project, regional, and legislative criteria on overall project selection.

Assembling the Decision Matrix

Assembling the data matrix is the final step in model preparation. A decision matrix is a table that contains levels for each decision criterion and alternative. Logical Decisions uses a decision matrix to evaluate and compare alternatives. The decision matrix for this analysis was assembled in Microsoft Excel and imported as an excel spreadsheet into Logical Decision for analysis. Level data for alternatives was pulled from the 2012 State Water Plan and the sixteen 2011 Regional Water Plans. Some levels required calculations, which were preformed in Excel. Data sources will be discussed in more detail in the Data Sources section of this chapter.

Decision Model Analysis

Logical Decisions for Windows (LDW) is a software program that aids decision making by quantifying decision maker preferences and evaluating alternatives based on

these preferences (Logical Decisions User's Manual, 2007). LDW version 6.0 was used in this analysis. To rank alternatives, LDW first calculates common units for decision criteria, then evaluates levels of each alternative and calculates level and overall alternative utility, and finally ranks alternatives based on overall utility. Once criteria weights are adjusted to meet scenario requirements, "Rank Alternatives" is selected from the Results tab, and alternatives are evaluated. A results matrix of the analysis can be exported as an excel file when the analysis is complete. The results matrix is an output file that contains calculated level and overall utilities for alternatives, ordered by overall utility. Analysis was repeated for each scenario. Result matrices were then imported into Excel for funding analysis.

Funding Analysis

Funding analysis is the final stage in the decision making process. Funding analysis was run in Microsoft Excel, version 14.3.7. Funding analysis was applied to scenarios based on the requirements defined as inclusions or constraints in each scenario. Funding analysis for scenarios 1, 3, 4, 5, and 6 was applied by first sorting alternatives by overall utility (highest to lowest) and project cost (lowest to highest) and then adding the requested funding project costs until the sum of capital costs equaled $2 billion. Requested funding project cost refers to the amount of a project's capital cost for which funding has been requested. Requested funding project cost is calculated by subtracting the decimal percentage of local funding from 1 to find the percentage of funding requested. Multiplying capital cost by percent of funding requested yields the amount of funding requested for a project.

Scenarios 2, 7, and 8 included legislative criteria from HB 4 in their funding analysis. Legislative criteria require $200 million (10% of funds), to be applied to rural political subdivisions or agricultural conservation alternatives and $400 million (20% of funds) to be applied to conservation and reuse projects. First, requested funding project costs were calculated for alternatives. Then $200 million was distributed to selected projects using nested IF and AND boolean functions to select the highest utility projects with non-metropolitan service areas or in the irrigation conservation category. Projects were selected until the total requested funding project costs reached $200 million. Nested IF and AND boolean functions were then used to select the highest utility reuse, municipal conservation, industrial conservation, municipal and irrigation conservation, general conservation, and remaining irrigation conservation projects until the total requested funding project costs reached $400 million. To apply the remaining $1.4 billion funds, unfunded projects were ordered from highest to lowest utility and lowest to highest capital cost and selected until the sum of the project requested funding costs reached $1.4 billion.

Selected projects for each scenario were then assessed to see distribution of funding between regions, strategy categories, urban and rural water users, humid and dry regions, and randomly assigned local funding percentage when applicable. Comparative results are presented in a series of bar charts and maps.

DATA SOURCES

This study relied extensively on data. Over 20,000 data points were included in the decision matrix used to evaluate alternatives. Data were collected from several sources: 2012 State Water Plan, 2011 Regional Water Plans, TWDB, and HB 4. This section will elaborate on these data sources.

2012 Texas State Water Plan

The 2012 State Water Plan published by TWDB provided the majority of information used in this analysis. 2010 – 2060 projections for population, water demand, water supply, and water need were collected from the State Water Plan's Regional Summaries section and Appendix A.2. Appendix A.2. also provided information on proposed projects, total capital cost, and water supply by decade, which was used to estimate regional prioritization and calculate normalized costs. The 2012 State Water Plan and many tables included in the Plan are readily accessible from the TWDB website.

2011 Regional Water Plans

2011 Regional Water Plans from each of the sixteen RWPG were used to collect detailed information that was not included in the 2012 State Water Plan. Information collected included: project reliability and sponsor counties or service area counties. All sixteen 2011 Regional Water Plans are also accessible from the TWDB website.

HB 4

HB 4 was proposed during the 83rd Texas Legislative Session. The bill was filed on January 10, 2013 and signed by Governor Rick Perry on May 28, 2013. HB 4 creates

the SWIFT fund that will support implementation of water management projects proposed in the State Water Plans. Senate Joint Resolution 1, which was approved by public vote in November 2013, proposes the constitutional amendment that creates an account and appropriates $2 billion into the SWIFT fund (HB 4, 2013). HB 4 outlines the use of funds in Section 15.434. Fund requirements from HB 4 Section 15.434 include conditions that over a 5-year funding period 10 percent of funds to support rural political subdivisions or agricultural water conservation and 20 percent of funds to support water conservation and reuse projects. Section 15.436 summarizes criteria for regional prioritization of projects, which includes: decade the project will be needed, feasibility, viability, sustainability, and cost-effectiveness (HB 4, 2013). Section 15.436 also includes recommendations for SWIFT advisory board to consider while prioritizing projects for funding, for example: serving a large population, assisting diverse urban and rural populations, providing regionalization, and meeting a high percentage of water supply needs (HB 4, 2013). These regional and board prioritization requirements from HB 4 Section 15.436 were used to determine state water planning values and were critical in selecting decision criteria.

Texas Water Development Board

In addition to the SWP, data were also supplied from several other TWDB resources. Regional water use data from 2000-2011 were obtained from the Water Use Survey Online Database accessible from the TWDB website. ArcGIS shape files for water planning regions, major aquifers, major river basins, major rivers, and existing surface water reservoirs were also obtained from the TWDB website.

An interview on August 9, 2013 with TWDB representatives, Dr. Dan Hardin, Interim Deputy Director of Water Resources Planning & Information, and Matt Nelson, Regional Water Planning Manager, was also used to inform decision criteria selection. Dr. Hardin and Mr. Nelson discussed state goals, water conflicts, and funding as related to water planning in Texas.

NOAA

Annual PDSI data by climate region for 1992-2012 were obtained online from the National Oceanic and Atmospheric Administration National Climatic Data Center. Historic PDSI averages were then calculated for Texas water planning areas in ArcGIS.

Limitations

Several data limitations were noted. Limitations included inconsistencies in reporting of project reliability in Regional Water Plans and variability in annual water use and PDSI data. Converting project reliability to a common scale mitigated inconsistent reporting of reliability. Averaging annual water use growth rates over a ten year period and averaging annual regional PDSI over a twenty-year period minimized the effects of seasonal and annual climate variations that affect both of these variables.

Chapter 3: Results

DECISION MODEL ANALYSIS RESULTS

Analysis using the decision model produced an output of calculated utilities for each project. Average overall project utilities were calculated for each region to simplify comparison. This section outlines the results of the decision model analysis for the eight scenarios evaluated. Average overall project utility for all regions and planning strategy categories by scenario are shown in Figures 21-22.

Scenarios 1 & 2

Scenario 1 only considers project decision criteria in prioritization. Scenario 2 considers project and legislative decision criteria. Because legislative criteria are applied in the second analysis phase (Funding Analysis), Scenarios 1 and 2 share the same input criteria and preferences for the decision model analysis. Thus, they share the same output as well. Both scenarios analyzed alternatives by equally weighted project evaluation criteria. Results for Scenarios 1 and 2 produced a wide range of average project utilities with regional averages ranging from 0.66 to 1. Regions D, L, and P had the highest average utilities of 1. Region J had the lowest average utility, 0.66. The majority of regions had average utilities between 0.8 and 0.9, creating a somewhat normal distribution for average regional project utility.

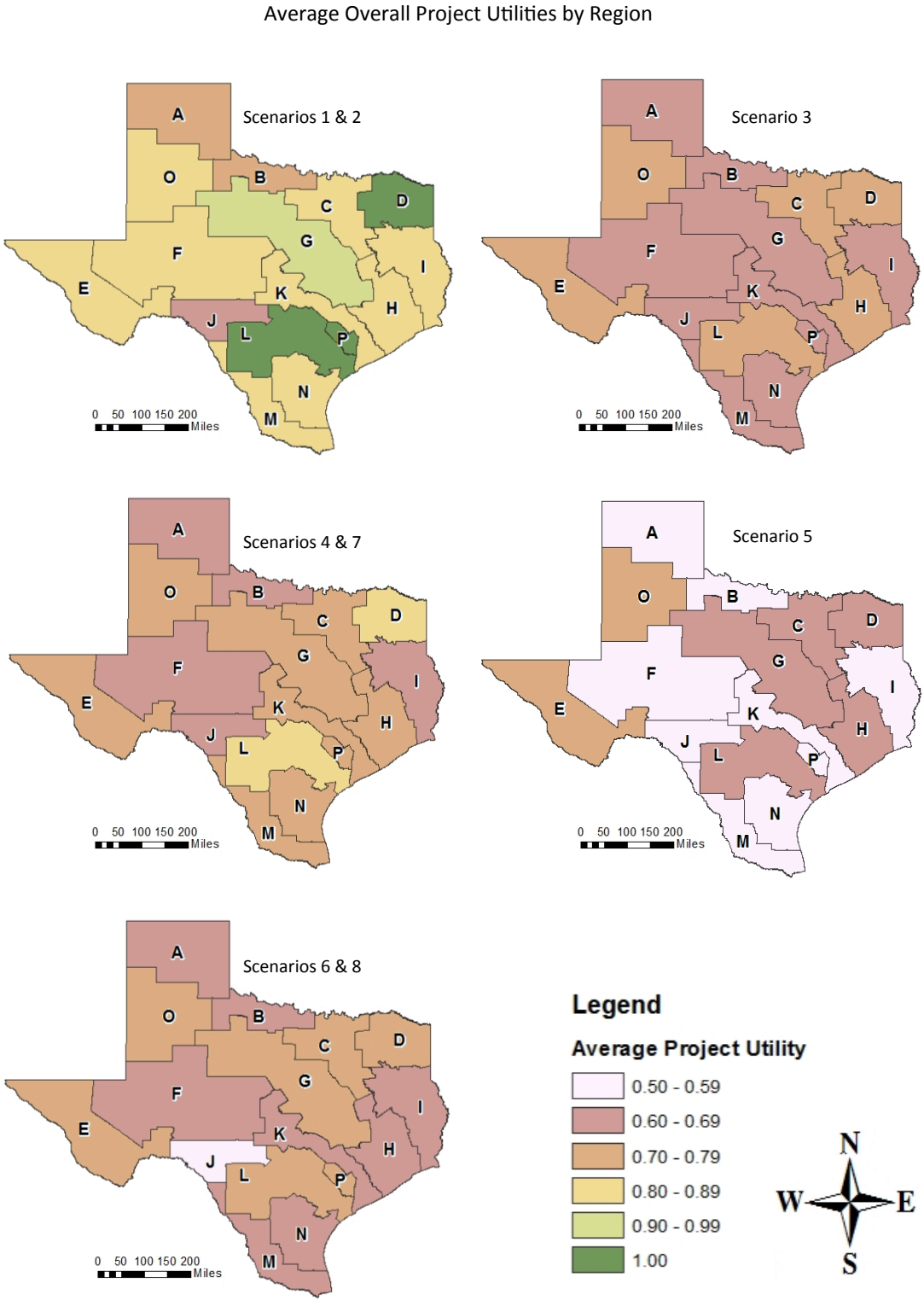


Figure 21: Calculated Average Overall Project Utilities by Region and Scenario.

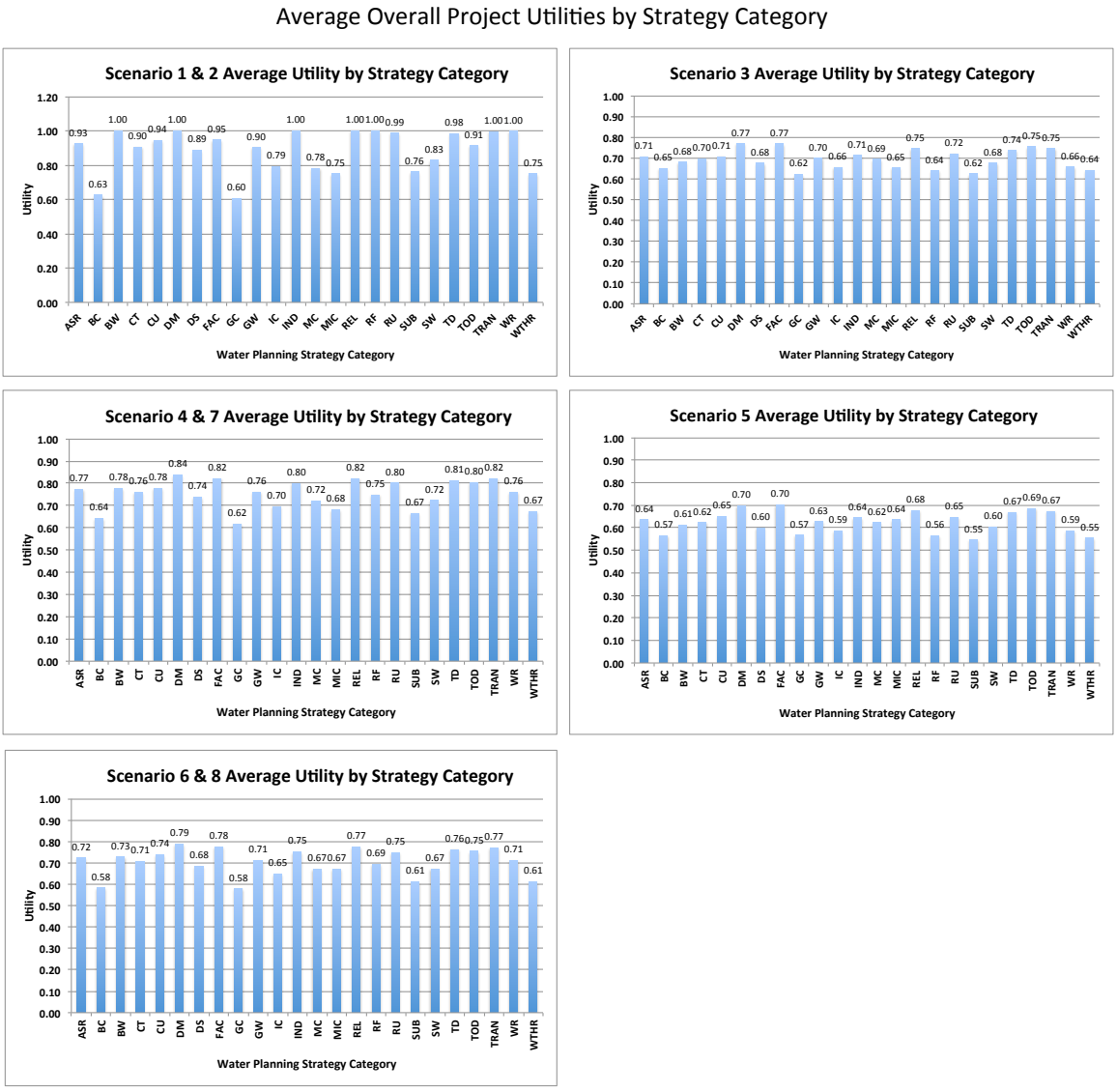


Figure 22: Average Overall Project Utilities by Strategy Category and Scenario.

Utility results by strategy category for Scenarios 1 and 2, Figure 22, ranged from 1 to 0.60 with an average utility of 0.89. General conservation and brush control were the lowest utility categories, 0.60 and 0.63. Brackish water, demand management, industrial conservation, reallocation, return flow, and reuse projects had the highest utilities.

Scenario 3

Scenario 3 analyzed alternatives based on equally weighted project and regional evaluation criteria. The percentage of project locally funded was assigned a value of 50 percent for all alternatives. Results for Scenario 3 are relatively uniform. Regional project utilities fall between 0.61 and 0.78. The average regional project utility was 0.68. Region D and Region L were again ranked among the regions with the highest utilities between 0.70 - 0.79. Regions C, E, H, and O also had average utilities between 0.70 – 0.79. The remaining regions average utilities between 0.60 – 0.69.

Utility results by strategy category for Scenario 3, were similar in distribution to the regional average utilities. Utilities ranged from 0.77 to 0.62 with an average utility of 0.69. General conservation and subordination agreements were the lowest utility categories with utilities of 0.62. Demand management, facility improvements and expansions, reallocation, temporary overdraft and transfers had the highest utilities, with values between 0.77 – 0.75.

Scenarios 4 & 7

Scenario 4 evaluates alternatives by project and regional decision criteria, with sub-goals weighted 50 percent. Scenario 7 evaluates alternatives by project, regional, and legislative decision criteria, with sub-goals weighted 50 percent. Because legislative criteria are applied in the second analysis phase (Funding Analysis), Scenarios 4 and 7 share the same input criteria and preferences for decision model analysis. Both scenarios analyzed alternatives by project and regional evaluation criteria with percentage of project locally funding for projects uniformly assigned as 50 percent. Project and regional sub-goals were weighted equally. Results for Scenarios 4 and 7 ranged from 0.63 to 0.82 with an average of 0.73. Regions D and L had the highest average utilities of

0.81 and 0.82, respectively. Region J had the lowest average utility, 0.63. The majority of regions had average utilities between 0.7 and 0.8.

Utility results by strategy categories for Scenarios 4 and 7 ranged from 0.84 to 0.62 with an average utility of 0.75. General conservation and brush control were the lowest utility categories, with utilities of 0.62 and 0.64. Demand management, facility improvements and expansions, reallocation, transfers, and treatment and distribution had the highest utilities, with values between 0.84 – 0.82.

Scenario 5

Scenario 5 analyzed alternatives based on equally weighted project and regional evaluation criteria. The percent of local project funding was randomly assigned to all alternatives. Average regional project utilities for Scenario 5 fall between 0.54 and 0.71. The average regional project utility was 0.61. Regions E and O had the highest average utilities, 0.70 and 0.71. Five regions had average utilities between 0.60 – 0.69, including Regions C, E, G, H, and L. The remaining ten regions' average utilities fell between 0.50 – 0.59.

Utility results by strategy category for Scenario 5, were similar in distribution to the regional average utilities. Utilities ranged from 0.70 to 0.55 with an average utility of 0.62. Subordination agreements and weather modification were the lowest utility categories with utilities of 0.55. Return flow, brush control, and general conservation also had low utilities of 0.56, 0.56, and 0.57 respectively. Demand management, facility improvements and expansions, temporary overdraft, reallocation, treatment and distribution, and transfers had the highest utilities, with values between 0.77 – 0.67.

Scenario 6 & 8

Scenarios 6 and 8 share the same input criteria and preferences for the decision model analysis. Both scenarios analyzed alternatives by project and regional evaluation criteria. The percent of local project funding was randomly assigned to all alternatives. Project and regional sub-goals were weighted equally. Results for Scenarios 6 and 8 ranged from 0.77 to 0.59 with an average of 0.68. Regions D and L had the highest average utilities of 0.76 and 0.77, respectively. Region J had the lowest average utility, 0.59. Regional utilities were almost evenly split between two ranges. Seven regions had utilities between 0.70 - 0.79, and eight regions had utilities between 0.6 – 0.69.

Utility results by strategy categories for Scenarios 6 and 8 ranged from 0.79 to 0.58 with an average utility of 0.70. General conservation, brush control, subordination agreements, and weather modification were the lowest utility categories, with utilities of 0.58, 0.58, 0.61, and 0.61. Demand management, facility improvements and expansions, reallocation, transfers, and treatment and distribution had the highest utilities, with values between 0.79 – 0.76.

PRIORITIZED FUNDING ANALYSIS RESULTS

Funding analysis applied hypothetical funding conditions to the calculated utilities from the decision model analysis of projects to generate a rank ordered list of projects that would be recommended for funding from each scenario. This section summarizes the results of the prioritized funding analysis for the eight scenarios evaluated. Figures 23 - 25 present the number of projects funded by region and planning strategy category.

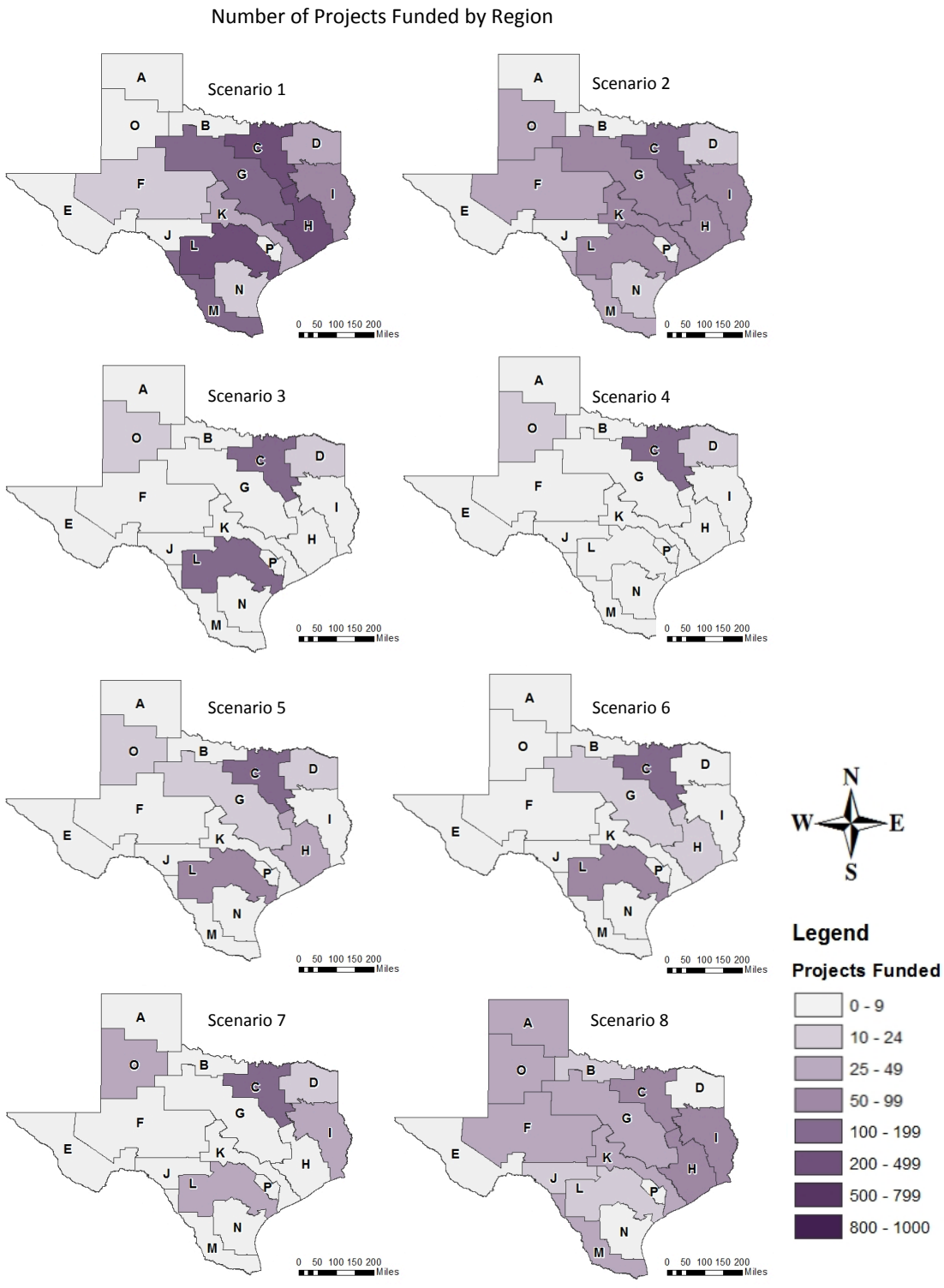


Figure 23: Number of Projects Funded per Region by Scenario.

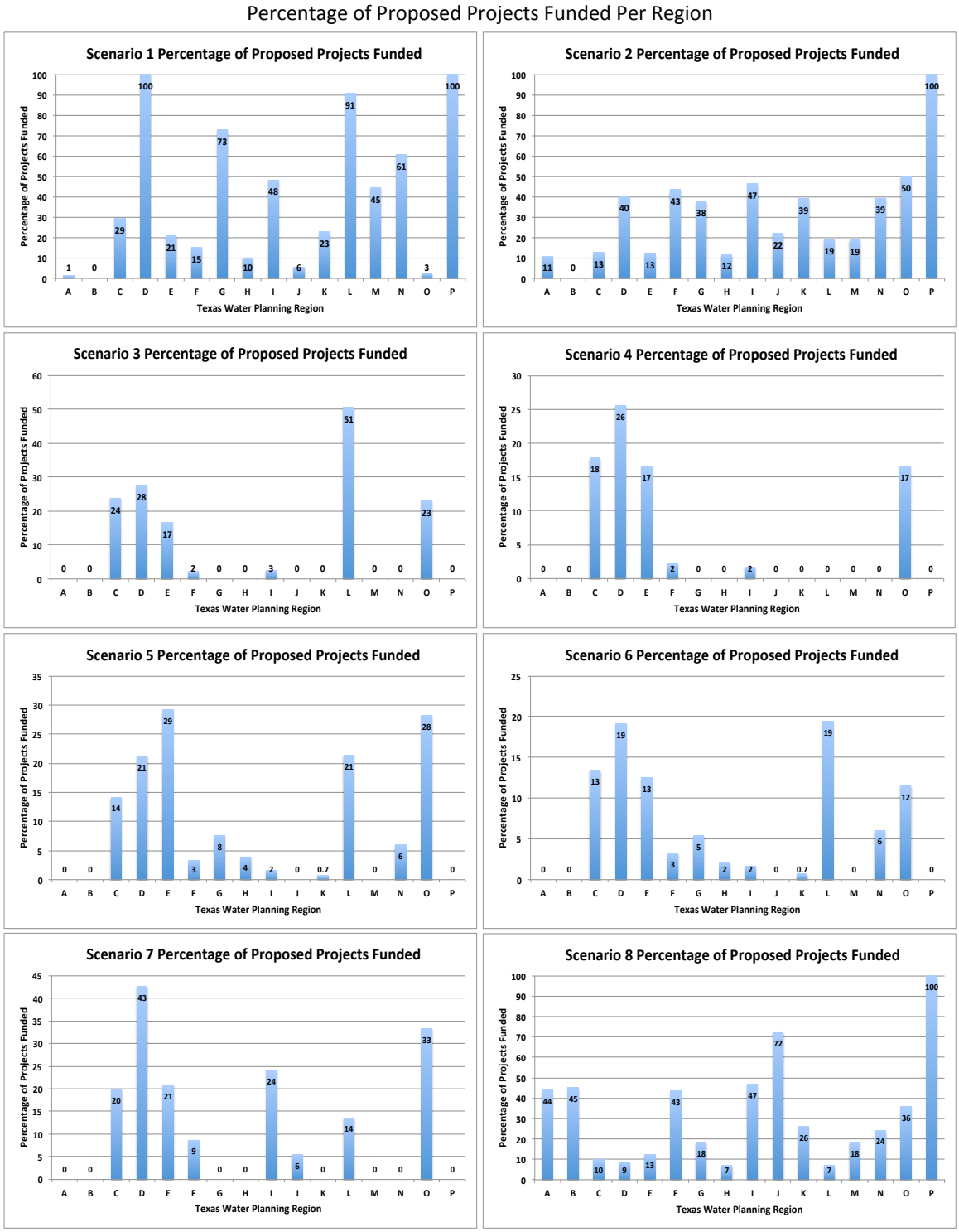


Figure 24: Percentage of Proposed Projects Funded Per Region.

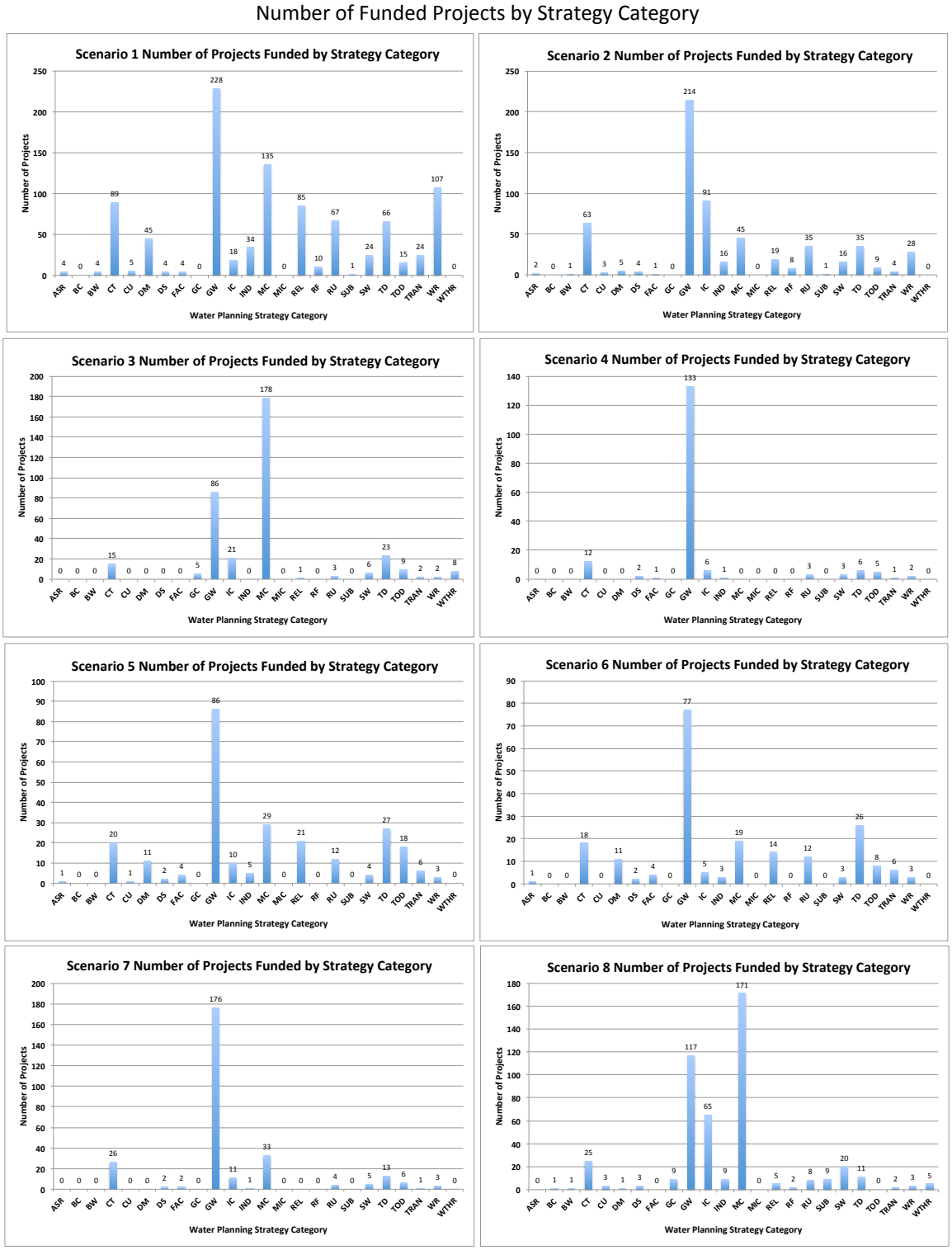


Figure 25: Number of Projects Funded by Strategy Category and Scenario.

Scenario 1

Scenario 1 analyzed alternatives based on equally weighted project evaluation criteria. It did not include HB 4 evaluation criteria. Funding was applied based on highest utility and covered only fifty percent of project capital costs. For utility values that described multiple projects, projects were selected in order of lowest to highest capital cost. Scenario 1 funded a total of 969 projects. Figure 23 displays the number of funded projects per region by scenario. Regions C and L had the largest numbers of projects funded, 234 and 233. Regions G and M had over 100 projects funded each. Regions A, B, E, J, O, and P all had less than 10 projects selected for funding.

Examining these numbers in the context of how many projects a region proposed, provides additional insight. Figure 24 presents the percentage of proposed projects funded per region by scenario. Regions D and P both have 100 percent of their proposed projects funded by Scenario 1. Region L has 91 percent of projects funded. Region G has nearly 75 percent of projects funded. Regions A, B, H, J, and O all have 10 percent or less of proposed projects funded.

In regard to water planning strategy categories, the number of projects funded was unevenly distributed across categories, Figure 25. Groundwater accounted for the largest number of projects funded, 228. Municipal conservation and water rights followed with 135 and 107 projects, respectively. Alternatively, 11 strategies had 10 or fewer projects funded. This included aquifer storage and recovery (ASR), brush control, brackish water, conjunctive use, desalination, facilities improvements and expansions (FAC), general conservation, combined municipal and industrial conservation projects (MIC), return flow, subordination agreements, and weather modification.

Scenario 2

Scenario 2 evaluated alternatives based on equally weighted project evaluation criteria and HB 4 legislative evaluation criteria. Funding was applied based on legislative requirements that allocate $200 million to rural political subdivisions or agricultural conservation alternatives, $400 million to conservation and reuse projects, and the remaining $1.4 billion to projects with the highest overall utility. Funding covered only fifty percent of a project's capital cost. Scenario 2 funded a total of 600 projects. The numbers of projects funded by region vary from 0 to 101. Regions C, H, and G had the largest numbers of projects funded, 101, 93, and 70. Regions B, P, E, J, A, and N all had less than 20 projects selected for funding. The remaining regions had between 40 – 60 projects funded.

Region P was the only region to have 100 percent of its projects funded in Scenario 2. The remaining regions were grouped into three percentage groups: 0-15 percent, 16-25 percent, and 35-50 percent. Regions B, A, C, E, and H had less than 15 percent of their projects funded. Regions J, L, and M had between 16-25 percent of projects funded. The remaining half of the water planning regions had 35% or more proposed projects funded by the 600 projects selected in this scenario.

Groundwater projects accounted for the largest number of projects funded, 214. Irrigation conservation, contracts, and municipal conservation followed with 91, 63, and 45, respectively. Alternatively, 14 strategies had less than 10 projects funded. This included ASR, brush control, brackish water, conjunctive use, demand management, desalination, FAC, general conservation, MIC, return flow, subordination agreements, temporary overdraft, transfers, and weather modification.

Scenario 3

Scenario 3 evaluated alternatives based on equally weighted project and regional evaluation criteria and did not include HB 4 evaluation criteria. Funding was applied based on highest utility and covered only fifty percent of project capital costs. Scenario 3 funded a total of 359 projects. The numbers of projects funded by region vary from 0 to 190. Regions C and L had the largest numbers of projects funded, 190 and 130. Regions D and O followed with 13 and 18 projects selected for funding. The remaining regions had less than 5 projects funded per region. Nine water-planning regions had no projects funded by this scenario.

Region L had 51 percent of proposed projects receive funding. Regions C, D, O, and E had between 17 – 28 percent of projects funded. The remaining regions had three percent or less of proposed projects funded.

Of the 359 projects funded by Scenario 3, 178 were municipal conservation programs. Groundwater projects followed, accounting for 86 of projects funded. Treatment and distribution, irrigation conservation, and contracts had 23, 21, and 15 projects funded. The remaining 19 strategies had less than 10 projects funded.

Scenario 4

Scenario 4 analyzed alternatives based on project and regional evaluation criteria and did not include HB 4 evaluation criteria. Project and regional sub-goals were weighted equally. Funding was applied based on highest utility and covered only fifty percent of project capital costs. Scenario 4 funded a total of 175 projects that are poorly distributed across the regions. The numbers of projects funded by region vary from 0 to 142. Region C had the largest numbers of projects funded, 142. Regions O and D followed with 13 and 12 projects selected for funding. Regions E, I, and F had between 2

and 4 projects funded. The remaining ten regions had no projects funded by this scenario.

Regions C, D, O, and E had between 17 and 26 percent of projects funded. Region F and East Texas had 2 percent of proposed projected funded. The remaining regions had zero percent of proposed projects funded.

Groundwater projects accounted for the largest number of projects funded, 133. Contracts accounted for 12 projects funded. The remaining funded projects were: irrigation conservation (6), treatment and distribution (6), temporary overdraft (5), surface water (3), reuse (3), weather modification (2), desalination (2), industrial conservation (1), transfers (1), and FAC (1).

Scenario 5

Scenario 5 evaluated alternatives based on equally weighted project and regional evaluation criteria and did not include HB 4 evaluation criteria. Percent of project locally funded was randomly assigned to all alternatives. Funding was applied based on highest utility and covered the percent of a project's capital costs not supplied by local funding. Scenario 5 funded a total of 260 projects. The numbers of projects funded by region vary from 0 to 113. Regions C and L had the largest numbers of projects funded, 113 and 55. Regions H, O, and G followed with 31, 22, and 14 projects selected for funding. The remaining regions had less than 10 projects funded per region. Five water-planning regions had no projects funded by this scenario.

Regions E and O had largest percentages of proposed projects funded, 29 and 28 percent respectively. Regions D, C, and L had between 14 – 21 percent of projects funded. The remaining 11 regions had less than 10 percent of proposed projects funded.

Of the 260 projects funded by Scenario 5, 86 were groundwater projects. Municipal conservation, treatment and distribution, and contracts followed, accounting for 29, 27, and 20 projects funded. Temporary overdraft, reuse, demand management, and irrigation conservation had 18, 12, 11, and 10 projects funded. The remaining 15 strategy categories had less than 6 projects funded.

Scenario 6

Scenario 6 evaluated alternatives based on equally weighted project and regional evaluation criteria and did not include HB 4 evaluation criteria. Project and regional sub-goals were weighted equally. Percent of project locally funded was randomly assigned to all alternatives. Funding was applied based on highest utility and covered the percent of a project's capital costs not supplied by local funding. Scenario 6 funded a total of 212 projects with poor distribution of funding across planning regions. The numbers of projects funded by region vary from 0 to 107. Regions C and L had the largest numbers of projects funded, 107 and 50. Regions H and G followed with 16 and 10 projects selected for funding. The remaining regions had less than 10 projects funded per region. Five water-planning regions had no projects funded by this scenario.

Regions D and L had largest percentages of proposed projects funded, both at 19 percent. Regions E, C, and O had 13, 13, and 12 percent of projects funded. The remaining 11 regions had less than 10 percent of proposed projects funded.

Groundwater projects accounted for the largest number of projects funded, 77. Treatment and distribution, municipal conservation, and contracts followed with 26, 19, and 18 projects funded. Reallocation, reuse, and demand management had 14, 12, and 11

projects funded. The remaining 17 strategy categories had less than 8 projects funded, eight of these categories had no projects funded.

Scenario 7

Scenario 7 analyzed alternatives based on project and regional evaluation criteria and HB 4 legislative evaluation criteria. Project and regional sub-goals were weighted equally. Funding covered only fifty percent of a project's capital cost. Scenario 7 funded a total of 283 projects that are poorly distributed across the regions. The numbers of projects funded by region vary from 0 to 159. Region C had the largest numbers of projects funded, 159. Regions L, I, O, and D followed with 35, 29, 26, and 20 projects selected for funding. Regions F, E, and J had 8, 5, and 1 projects funded. The remaining eight regions had no projects funded by this scenario.

Regions D and O had 43 and 33 percent of projects funded. Regions C, E, and I had between 20 and 25 percent of proposed projects funded. Regions L, F, and J had 14, 9, and 6 percent of projects funded. The remaining regions had zero percent of proposed projects funded.

Of the 283 projects funded by Scenario 7, 176 were groundwater projects. Municipal conservation, contracts, treatment and distribution, and irrigation conservation followed, accounted for 33, 26, 13, and 11 projects funded. The remaining 19 strategy categories had less than 6 projects funded.

Scenario 8

Scenario 8 evaluated alternatives based project, regional, and legislative evaluation criteria. Project and regional sub-goals were weighted equally. Percent of

project locally funded was randomly assigned to all alternatives. Scenario 8 funded a total of 470 projects with a relatively even distribution of funding across planning regions. The numbers of projects funded by region vary from 2 to 80. Regions C and I had the largest numbers of projects funded, 80 and 56 respectively. Regions H, M, F, K, G, A, and O all have between 55 and 25 projects selected for funding. Regions L, B, and J had between 10 and 20 projects funded. The remaining regions had less than 10 projects funded per region. This was the only scenario where all regions had at least one project funded.

Region P had largest percentages of proposed projects funded, 100 percent. Region J followed with 72 percent. Several regions had between 40 and 50 percent of proposed projects funded, including Regions I, A, B, and F. Five regions had between 20 and 36 percent of projects funded, and three regions fell between 10 and 20 percent. Only three regions had less than 10 percent of their proposed projects funded, and all of these regions had greater than 5 percent of their projects funded.

Municipal conservation and groundwater accounted for the largest number of projects funded, 171 and 117. Irrigation conservation, contracts, and surface water followed with 65, 25, and 20 projects funded. Treatment and distribution had 11 projects funded. The remaining 19 strategy categories had less than 10 projects funded. Only four of these categories had no projects funded, including ASR, FAC, MIC, and temporary overdraft.

Chapter 4: Discussion

SCENARIO RESULTS COMPARISON

This section presents analysis of the results and outcome trends for project utility and funding distributions. The aim of this section is to identify regions and strategy categories that consistently have the highest or lowest utilities or number of projects funded and to determine the effects of variations in decision criteria and preferences on scenario outcomes.

Decision Model Results

Decisions model results provide ample evidence of regional and strategy category utility trends. The results highlight several regions and strategy categories that consistently have the highest or lowest calculated utilities.

Table 4 shows the relative ranks of each region by scenario. Regions are ranked from highest to lowest average overall utility. Regions A, B, and J are ranked in the bottom three regions for each scenario, with Region J being the lowest ranked for 7 of the 8 scenarios. Regions D, L, and O are consistently ranked in the top three regions. Regions P and E are also ranked in the top 3. This evidence suggests that despite changes in scenario criteria and decision preferences, there are regions that consistently have higher utility projects on average.

Strategy categories demonstrate consistent results based on average overall utility, Table 5. GC, BC, SUB, and WTHR are consistently ranked as the lowest 5 strategies by utility. DM, FAC, REL, and TRAN are ranked highest by utility. There is slightly more variability in the relative ranking of strategies than is present in the regional ranking by utility. Although not 100 percent consistent, the general tendency of regional and

strategy category average utility rankings to produce comparable winners and losers across scenarios is of note and likely has implications on funding distribution.

	Regional Rank by Average Utility				
Rank	S1 & 2	S 3	S4 & 7	S5	S6 & 8
1	D & P	O	L	O	L
2	---	E	D	E	D
3	L	L	O	L	O
4	G	C	E	C	E
5	N	D	C	D	C
6	M	H	G	H	P
7	K	G	P	G	G
8	C	N	H	P	H
9	H	P	N	N	N
10	I	F	M	M	M
11	E	M	K	K	K
12	F	K	F	F	F
13	O	I	I	I	I
14	A	B	B	B	B
15	B	A	A	J	A
16	J	J	J	A	J

Table 4: Regional Rank by Average Utility. This table lists Texas Water Planning Regions by average overall utility for Scenarios (S1-S8). Regions A, B, and J are consistently ranked in the bottom 3. Regions E, D, L, and O, are consistently ranked in the top 3 for average regional utility.

	Strategy Category Rank by Average Utility				
Rank	S1 & S2	S3	S4 & S7	S5	S6 & S8
1	BW, DM, IND, REL, RF	DM	DM	FAC	DM
2	---	FAC	REL	DM	FAC
3	---	TOD	FAC	TOD	REL
4	---	TRAN	TRAN	REL	TRAN
5	---	REL	TD	TRAN	TD
6	WR	TD	TOD	TD	TOD
7	TRAN	RU	RU	CU	IND
8	RU	IND	IND	RU	RU
9	TD	CU	CU	IND	CU
10	FAC	ASR	BW	ASR	BW
11	CU	GW	ASR	MIC	ASR
12	ASR	CT	GW	GW	GW
13	TOD	MC	CT	CT	WR
14	CT	BW	WR	MC	CT
15	GW	SW	RF	BW	RF
16	DS	DS	DS	SW	DS
17	SW	WR	SW	DS	SW
18	IC	IC	MC	IC	MC
19	MC	MIC	IC	WR	MIC
20	SUB	BC	MIC	GC	IC
21	MIC	WTHR	WTHR	BC	WTHR
22	WTHR	RF	SUB	RF	SUB
23	BC	SUB	BC	WTHR	BC
24	GC	GC	GC	SUB	GC

Table 5: Strategy Category Rank by Average Utility. This table ranks strategy categories by average overall utility for Scenarios (S1-S8). General Conservation (GC), Brush Control (BC), Subordination Agreements (SUB), and Weather Modification (WTHR) are consistently ranked lowest by utility. Drought Management (DM), Facility Improvement and Expansion (FAC), Reallocation (REL), and transfers (TRAN) are ranked highest by utility.

Funding Results

Evaluation of funding analysis results includes comparison of average number of funded projects by region and strategy category, comparison of funded projects by scenario, and evaluation of the effects of decision preferences and criteria on funding results.

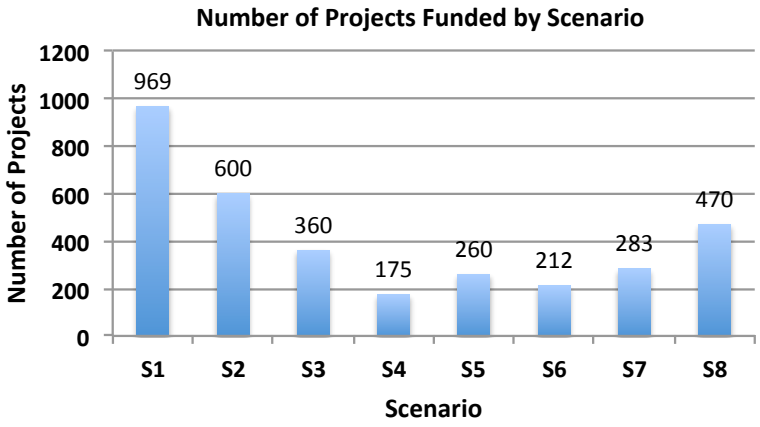


Figure 26: Number of Projects Funded by Scenario. Scenarios 1 and 2 funded the greatest number of projects. Scenarios 4 and 6 funded the fewest projects.

The number of projects funded varied between 969 and 175 projects funded for the eight scenarios, Figure 26. Scenarios 1 and 2 funded the largest numbers of projects, 969 and 600. Scenarios 4 and 6 funded the least number of projects, 175 and 212.

Figure 27, divides the total number of projects funded by scenario according to region and provides an indicator for the relative performance across regions. Regions C and L consistently have the greatest numbers of projects funded across all scenarios. Regions B, J, and P have the fewest numbers of projects funded. This mirrors the distribution of utility across regions. Figure 27 also points out which scenarios equivalently fund regional projects. Scenarios with equally sized regional bars indicate a uniform funding distribution.

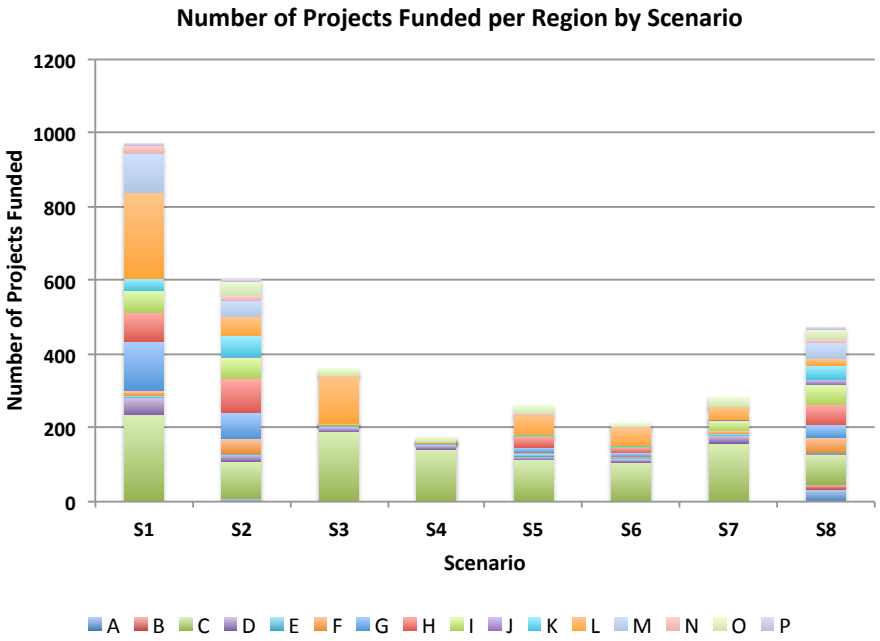


Figure 27: Number of Projects Funded by Strategy Category and Scenario. Regions C and L have the greatest number of projects funded across all scenarios. Regions B, J, and P have the fewest number of projects funded.

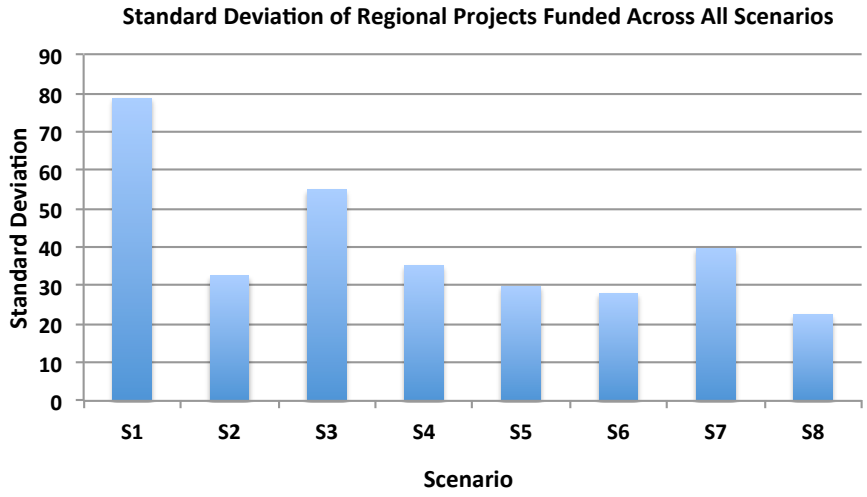


Figure 28: Standard Deviation of Regional Projects Funded by Scenario. Scenarios with small standard deviation have less variability in the number of projects funded by Region.

Figure 28 evaluates the standard deviation of the number of regional projects funded in each scenario. Standard deviation measures variation in the number of projects funded for an individual region against the mean number of projects funded for all regions in a scenario. It quantitatively measures the relative uniformity of the regional funding distribution. Scenarios with the smallest standard deviations have the most uniform funding distributions. Scenarios 8, 6, 5, and 2 have the smallest standard deviations and therefore produce the most uniform funding distribution by region.

Similarly, the total number of projects funded can be divided by strategy category. Figure 29 presents the division of funding by strategy category for each scenario. Because of the large range between funded and unfunded strategy categories for each scenario, percent of projects funded was used to compare the relative distribution of funded projects. Groundwater and municipal conservation were the most funded strategy categories. Brush control, general conservation, and weather modification were the least funded strategy categories. Brush control had only one project funded.

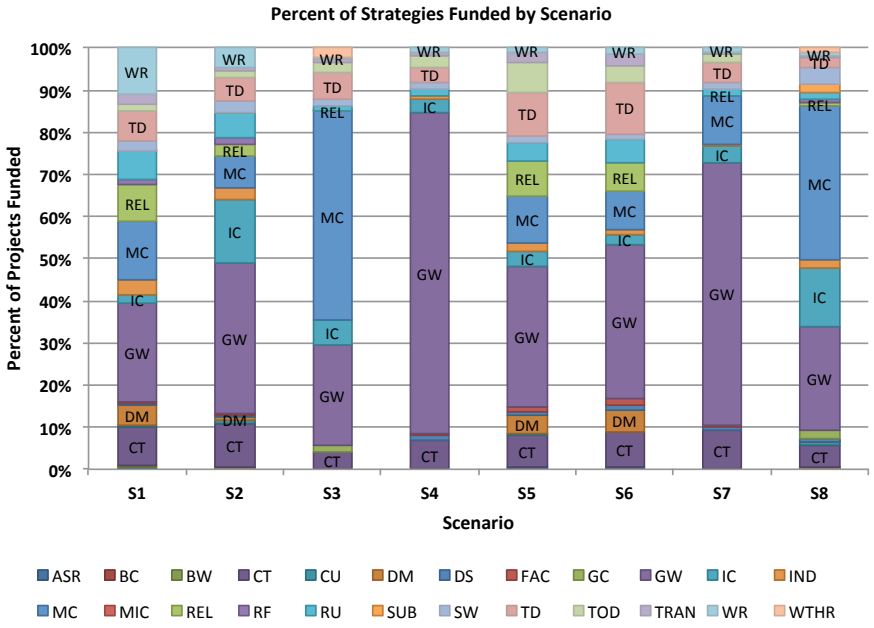


Figure 29: Percent of Strategies Funded by Scenario. Evaluates the distribution of projects funded by strategy category for each scenario.

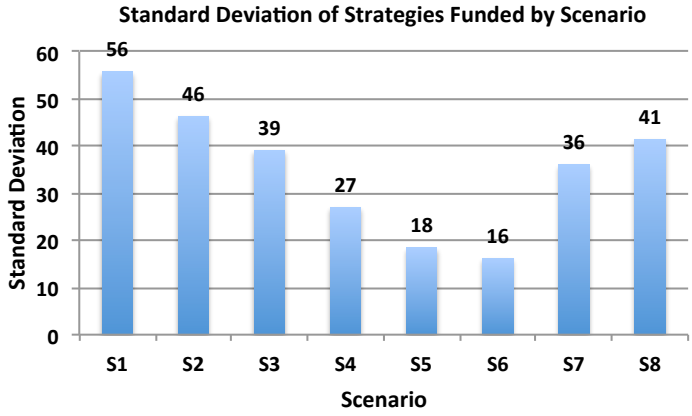


Figure 30: Standard Deviation of Strategies Funded by Scenario. Scenarios with small standard deviation have less variability in the number of projects funded by Strategy.

Figure 30 evaluates the standard deviation of the percent of projects funded for each strategy category by scenario. Scenarios 6 and 5 have the smallest standard deviations. Scenarios 1, 2, and 8 have the largest standard deviations.

A comparison of scenario decision criteria and preferences can help explain these distribution variations of both number and types of projects funded by each scenario. Scenario assessment will also bring to light the consequences of utilizing certain decision criteria and preferences in decision making for project selection in water planning.

Scenario 1 considered only project criteria in its analysis and funded the largest number of projects of all the scenarios. Projects were funded based on utility and capital cost. These funding requirements allowed projects with high utility and low cost to first receive funding. Because low cost projects were funded first, the $2 billion funding was consequently applied to the largest number of projects of any scenario. Scenario 2 considered project criteria and legislative criteria. Comparison of Scenarios 1 and 2 highlight the effects of legislative criteria on project selection. The legislative criteria required Scenario 2 to apply percentages of funding to certain categories of projects. This requirement reduces the number of projects funded by Scenario 2 by 38 percent. Scenarios 4 and 7 and Scenarios 6 and 8 similarly differ only in legislative criteria analysis. However, these two groups have the opposite outcome. Scenario 4 funded 62 percent fewer projects than Scenario 7, and Scenario 6 funded 121 percent fewer projects than Scenario 8. Regional criteria alter overall project utility such that projects with higher capital costs are assigned higher utilities than projects with lower capital cost. This change in relative utility exhausts the funding faster than Scenarios 1 or 2. The addition of the legislative criteria in Scenarios 7 and 8 forced funding of projects with lower utility and lower capital cost, stretching the funding to more projects.

Legislative criteria have a mixed influence on the variation of funding distributions. For Scenarios 2, there was a decrease in standard deviation of number of projects funded by region and strategy category. Region 7, however experienced and increase in standard deviation of the number of projects funded for both region and strategy category. Region 8 had a decrease in standard deviation for regional projects funded and an increase in standard deviation for strategy categories. Depending on the scenario, legislative criteria more evenly fund projects by region and less evenly fund projects by category. This result was anticipated by the nature of the legislative criteria, which prioritize funding for certain project strategy types.

Scenarios 3 and 4 are also comparable and point out the influence of preference assessments on funding outcomes. Both scenarios evaluate alternatives by project and regional funding, with percent of local funding uniformly assigned. Scenario 3 equally weights all criteria. Scenario 4 weights the sub-goals equally. Scenario 3 funds 49 percent more projects than Scenario 4 and has higher variation in both regional and strategy category funding distribution. The same trend is seen on a different scale in Scenarios 5 and 6, which differ only in the weighting of criteria. Scenario 5 equally weights all criteria. Scenario 6 weights the sub-goals equally. Scenario 5 funds 22 percent more projects than Scenario 6 and has higher variation in both regional and strategy category funding distribution. The tradeoffs between equally weighting criteria and equally weighting sub-goals are the number of projects funded for uniformity in the funding distribution for regions and strategy categories.

Percent of local funding is another variable that changed by scenario. Scenarios 3 and 5, Scenarios 4 and 6, and Scenarios 7 and 8 contrast the consequences of uniformly and randomly assigning the percentage of local funding to a project. Scenarios 3, 4, and 7 have percent of local funding uniformly assigned to 50 percent. Scenarios 5, 6, and 8

have percent of local funding randomly assigned. A comparison of these scenario pairs reveals variability in the affect of randomizing this decision criterion. When scenarios have percentage of local funding equally applied and all criteria equally weighted, there are a greater number of projects funded and greater variation in funding distributed by region and strategy category. When scenarios have local funding randomly assigned and sub-goals equally weighted, there are fewer projects funded and variation in funding is greater for regions and strategy categories. When scenarios have local funding randomly assigned, sub-goals equally weighted, and legislative criteria applied, there are fewer projects funded, greater variation in funding regionally, and less variation in funding for strategy categories.

Scenarios with randomly assigned local funding percentages also vary in the projects they fund based on the local funding percentage criteria. Figure 31 shows the distributions of projects funded for Scenarios 5, 6, and 8 by the range of local funding percentage. Interestingly, Scenario 8 has the most normal distribution of funding. Scenario 5 is skewed toward projects with lower local funding percentages, and Scenario 6 is skewed toward projects with higher local funding percentages. It would appear from these results that legislative criteria shift the distribution of projects funded from higher percentages to more intermediate percentages

These comparisons allow for the following general conclusions to be made. Evaluating projects with legislative criteria increase the number of projects funded when regional criteria are also evaluated and decrease the number of projects funded when regional criteria are not evaluated. Legislative criteria additionally apply funding more uniformly across regions and less consistently across strategy categories. Equally weighting all criteria leads to both fewer projects being funded and higher variation in the distribution of funding for regions and strategy categories. Randomly applying local

funding percentages creates a more realistic decision scenario and increases the distribution of funding to more regions and more project strategy categories.

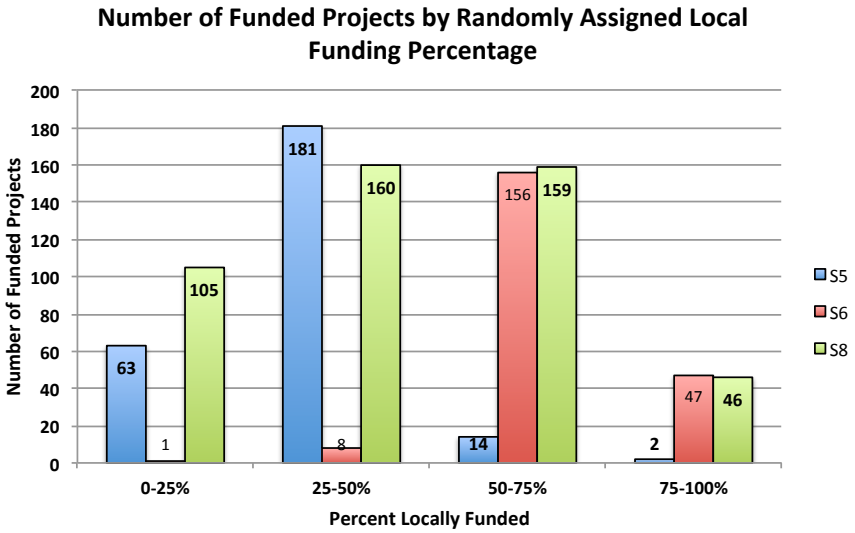


Figure 31: Number of Projects Funded by Randomly Assigned Local Funding Percentage. Scenario 5 is skewed toward projects with lower percentages of local funding. Scenario 6 is skewed to projects with higher percentages of local funding. Scenario 8 has a normal distribution of funded projects with randomly assigned local funding percentages.

CONFLICT ASSESSMENT

In addition to assessing results based on regional and strategy funding distributions, it is useful to note the effects of decision scenarios on Texas water conflicts. This section will consider analysis results in regards to urban vs. rural and humid vs. arid water conflicts.

Urban vs. Rural

Metropolitan and Non-Metropolitan designations were used as a proxy to evaluate the potential for urban vs. rural water conflict. Results show that urban projects are more likely than rural projects to be funded, Figure 32.

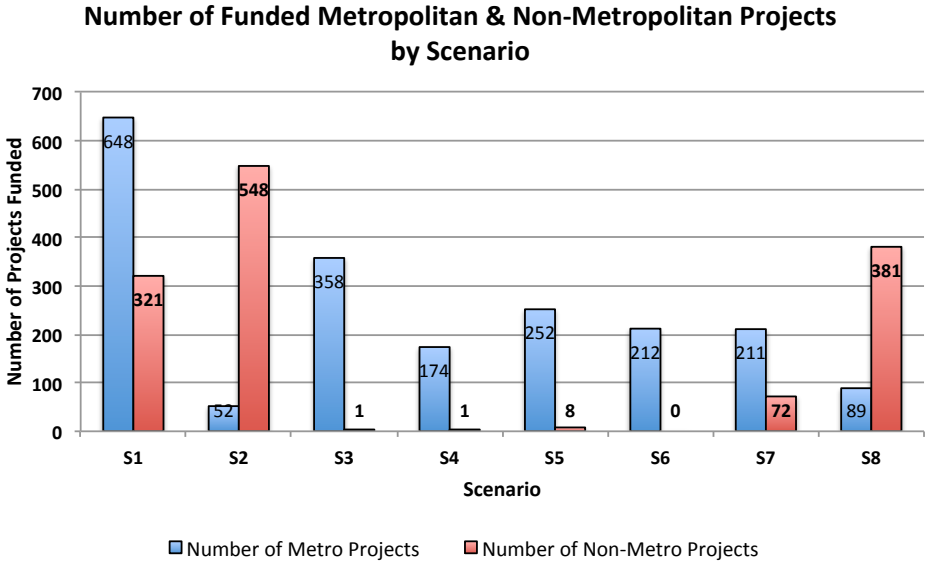


Figure 32: Number of Metropolitan and Non-Metropolitan Projects Funded by Scenario. Legislative criteria increase the number of Non-metropolitan projects funded.

A comparison of Scenarios 1 and 2, Scenarios 4 and 7, and Scenarios 6 and 8, reveal that inclusion of legislative criteria in the decision-making process mitigates this potential for conflict to a degree. The number of rural projects funded increase by at least 70% when legislative criteria are applied. This increase in rural projects funded is paired with decreases in urban projects funded for Scenarios 1 and 2 and Scenarios 6 and 8. Application of legislative criteria resulted in increases for urban and rural projects for Scenarios 4 and 7.

These results highlight two conflicting evaluation criteria included in HB 4, prioritization on projects that serve large populations and funding restrictions that require

10% of funds to rural and agricultural projects over a five-year period. It is clear that the 10% funding requirement for agricultural and rural projects and the 20% funding requirement for conservation and reuse projects effectively shifts the relative percentage of projects funded between urban and rural projects.

Arid vs. Humid

A 20-year regional average of Palmer Drought Severity by climatic division was used as a proxy indicator for potential conflicts due to arid vs. humid conditions (e.g. water scarcity is considered a representative indicator for conditions that increase the potential for conflict related to water availability). Moderate drought is used to describe arid regions and mid-range signifies relatively humid regions. Results generally show that scenarios that fund larger numbers of projects tend to fund more projects from mid-range regions. This is partially due to the ratio of proposed projects by humid and arid regions, which is roughly 2 to 1. Scenarios that fund fewer projects tend to have a more even distribution of projects from both arid and humid regions.

Legislative criteria have inconsistent effects on the distribution of arid and humid project funding. Scenarios 1 and 2 show legislative criteria decrease the number of arid and humid projects funded and has no effect on the wide discrepancy between the number of humid and arid projects selected. For Scenarios 4 and 7, legislative criteria have a different affect, increasing the number of humid projects funded and somewhat balancing this conflict. Legislative criteria affect Scenarios 6 and 8 differently than the other scenario pairs previously considered. Scenario 6 has a relatively even distribution of funding between arid and humid projects. Scenario 8 has a large increase in humid

projects and a decrease in arid projects. There are no clear or consistent trends to describe the affects of legislative criteria on the arid vs. humid conflict.

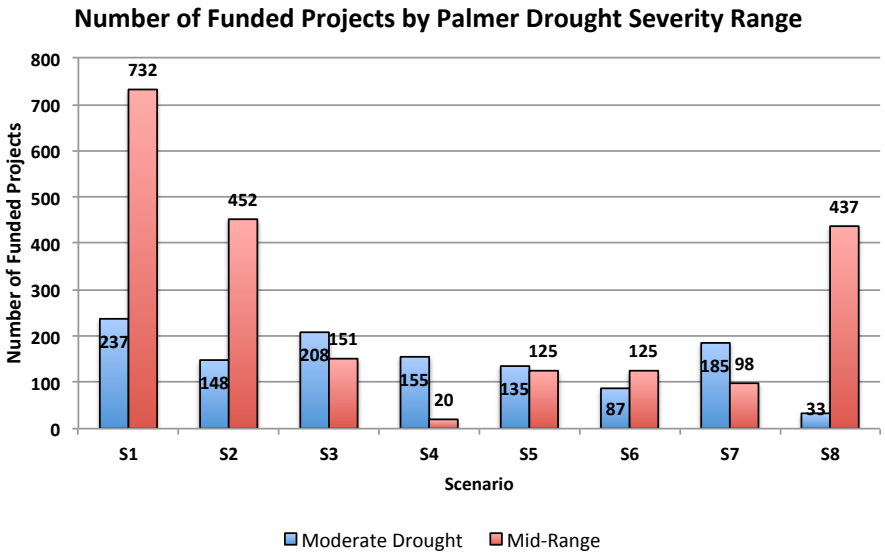


Figure 33: Number of Projects Funded by Scenario and Palmer Drought Severity Range.

An additional idea to consider is: what is the best way to address and minimize this conflict? An effective way to address conflict might not be to have an equal distribution of funding between the two competing interests. The most effective response may mean proportional distributions of funding between numbers of projects proposed. If this is considered, results can be viewed in different ways.

Chapter 5: Conclusions

The results of this analysis of the 2012 State Water Plan produced several interesting results and raised additional considerations for project selection in Texas water planning. Key findings and future research considerations are summarized in this section.

CONCLUSIONS

Decision criteria and preferences affect the distribution of projects funded regionally and by project type. Assessment of the eight decision scenarios offers insight to different approaches for project selection for water planning in Texas.

Evaluation of proposed projects solely by project criteria, in Scenarios 1 and 2, funded the largest number of projects, including the largest number of rural projects. This approach, to evaluate solely on project merits, simplifies the decision-making process and favors cost-effective and reliable strategies, but does not consider regional needs and differences.

Evaluation of projects based on project and regional criteria offers a more complete assessment of water planning conditions. Inclusion of these two criteria groups allow for efficient and reliable projects from regions with relatively large water needs to be prioritized. Yet, alternatives evaluated with project and regional criteria also tended to have biased funding for urban projects. The majority of water planning regions receives little to no funding. Two or three regions divide the majority of funding in scenarios that considered only project and regional criteria types. This lack of diversity in water management strategies might negatively impact water availability in times of drought.

Evaluation of criteria by project, regional, and legislative criteria presents the most complex combination of decision maker considerations. This analysis sheds light on the effects of HB 4. Generally, inclusion of the legislative criteria in evaluation evens the distribution of funded projects across water planning regions but decreases the distribution of the types of projects recommended for funding. In this study, legislative criteria were able to best mitigate the potential urban vs. rural and interregional conflicts. Legislative criteria had mix effects on the arid vs. humid conflict.

Analysis showed that despite changes in decision criteria and preferences, there were several consistent patterns in regional and strategy category ranking for both utility of projects and number of projects funded. Region C and Region L were the most commonly funded regions. Region B and Region J were the least funded regions. Groundwater and municipal conservation were the most commonly funded strategy categories. Brush control and weather modification were the least commonly funded strategy categories. If certain project types and Regional Water Planning Areas do not receive funding, the SWIFT committee should consider funding criteria that consider diversification of strategy types as well as regional funding exceptions in times of urgent water need.

Despite variation in the design and outcomes of decision scenarios considered, all eight decision scenarios provide an effective approach for removing political and emotional influences on a decision-making process. In effect, this approach creates a ranking and sorting mechanism for rationally prioritized alternatives. Scenarios 2 and 8 are recommended as the most equitable and effective decision scenarios evaluated. Based on current information and selected decision criteria, these two scenarios both fund large numbers of projects and distribute funding evenly across regions. Because Scenario 8 considers legislative requirements and randomly assigned funding requests, it is the

most realistic and recommended decision scenario in this study. Additional studies should be conducted to make these scenarios more informed.

FUTURE RESEARCH

Additional considerations for project selection in Texas water planning could include more project criteria including annual costs, payback period, environmental impacts, economic multipliers, energy intensity, or carbon intensity. A more uniform and robust investigation of project reliability would also benefit the decision maker.

Evaluation of prioritized projects in the context of additional Texas water conflicts could also provide interesting information on the effects of prioritization. Additional conflicts could include: upstream vs. downstream water users or storage vs. flood control projects. Consideration of these additional project criteria and water conflicts will make the project selection process more robust and Texas decision makers more informed and effective.

Appendix

Decision Matrix

Region	Sponsor	Recommended Water Management Strategy	Recom-mended Strategy Category	Regional Per Capita Need 2060 (Acre-ft per capita per year)	Regional Prioritiz-ation (Implem-entation Decade)	Metro/Non-Metro	Annual Growth Rate of Water Use (%)	Normalized Cost ($/acre-ft)	Reliability Rating	Local Funding (%)
A	AMARILLO	Municipal conservation	MC	0.77	2	Metro	2.68	0.00	3	59
A	AMARILLO	Potter County well field	GW	0.77	2	Metro	2.68	2428.73	3	61
A	AMARILLO	Roberts County well field - Amarillo	GW	0.77	4	Metro	2.68	6408.95	2	70
A	BORGER	Drill additional groundwater well	GW	0.77	3	Non-Metro	2.68	1563.20	3	55
A	BORGER	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	54
A	CACTUS	Drill additional groundwater well	GW	0.77	1	Non-Metro	2.68	871.47	3	69
A	CACTUS	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	63
A	CANADIAN RIVER MUNICIPAL WATER AUTHORITY	CRMWA acquisition of water rights	WR	0.77	1	Non-Metro	2.68	88200000.00	2	16
A	CANADIAN RIVER MUNICIPAL WATER AUTHORITY	CRMWA Roberts County well field	GW	0.77	3	Non-Metro	2.68	363.73	2	23
A	CANYON	Drill additional groundwater well	GW	0.77	1	Metro	2.68	700.65	3	18
A	CANYON	Municipal conservation	MC	0.77	2	Metro	2.68	0.00	3	17
A	COUNTY-OTHER, HALL	Drill additional groundwater well	GW	0.77	1	Non-Metro	2.68	2402.29	3	54
A	COUNTY-OTHER, MOORE	Drill additional groundwater well	GW	0.77	3	Non-Metro	2.68	1038.27	3	31
A	COUNTY-OTHER, MOORE	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	53
A	COUNTY-OTHER, POTTER	Drill additional groundwater well	GW	0.77	2	Metro	2.68	1188.81	3	54
A	COUNTY-OTHER, POTTER	Municipal conservation	MC	0.77	2	Metro	2.68	0.00	3	44
A	COUNTY-OTHER, RANDALL	Drill additional groundwater well	GW	0.77	3	Metro	2.68	1814.87	3	28
A	COUNTY-OTHER, RANDALL	Municipal conservation	MC	0.77	2	Metro	2.68	0.00	3	20

A	DUMAS	Drill additional groundwater well	GW	0.77	2	Non-Metro	2.68	1007.08	3	26
A	DUMAS	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	78
A	FRITCH	Drill additional groundwater well	GW	0.77	1	Non-Metro	2.68	1821.32	3	53
A	GREENBELT MUNICIPAL & INDUSTRIAL WATER AUTHORITY	Drill additional groundwater well	GW	0.77	2	Non-Metro	2.68	466.48	3	20
A	GRUVER	Drill additional groundwater well	GW	0.77	2	Non-Metro	2.68	1124.86	3	51
A	GRUVER	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	44
A	IRRIGATION, ARMSTRONG	Irrigation conservation	IC	0.77	2	Metro	2.68	0.00	3	28
A	IRRIGATION, ARMSTRONG	Precipitation enhancement	WTHR	0.77	2	Metro	2.68	0.00	3	53
A	IRRIGATION, CARSON	Irrigation conservation	IC	0.77	2	Metro	2.68	0.00	3	52
A	IRRIGATION, CARSON	Precipitation enhancement	WTHR	0.77	2	Metro	2.68	0.00	3	70
A	IRRIGATION, CHILDRESS	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	78
A	IRRIGATION, COLLINGSWORTH	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	76
A	IRRIGATION, DALLAM	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	58
A	IRRIGATION, DONLEY	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	26
A	IRRIGATION, DONLEY	Precipitation enhancement	WTHR	0.77	2	Non-Metro	2.68	0.00	3	69
A	IRRIGATION, GRAY	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	60
A	IRRIGATION, GRAY	Precipitation enhancement	WTHR	0.77	2	Non-Metro	2.68	0.00	3	19
A	IRRIGATION, HALL	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	16
A	IRRIGATION, HANSFORD	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	26
A	IRRIGATION, HARTLEY	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	53
A	IRRIGATION, HEMPHILL	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	72
A	IRRIGATION, HUTCHINSON	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	17
A	IRRIGATION, HUTCHINSON	Precipitation enhancement	WTHR	0.77	2	Non-Metro	2.68	0.00	3	33
A	IRRIGATION, LIPSCOMB	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	56
A	IRRIGATION, MOORE	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	63
A	IRRIGATION, OCHILTREE	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	77
A	IRRIGATION, OLDHAM	Irrigation conservation	IC	0.77	2	Metro	2.68	0.00	3	44
A	IRRIGATION, POTTER	Irrigation conservation	IC	0.77	2	Metro	2.68	0.00	3	28
A	IRRIGATION, POTTER	Precipitation enhancement	WTHR	0.77	2	Metro	2.68	0.00	3	41
A	IRRIGATION, RANDALL	Irrigation conservation	IC	0.77	2	Metro	2.68	0.00	3	76
A	IRRIGATION, ROBERTS	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	70
A	IRRIGATION, ROBERTS	Precipitation enhancement	WTHR	0.77	2	Non-Metro	2.68	0.00	3	16
A	IRRIGATION, SHERMAN	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	21

A	IRRIGATION, WHEELER	Irrigation conservation	IC	0.77	2	Non-Metro	2.68	0.00	3	68
A	IRRIGATION, WHEELER	Precipitation enhancement	WTHR	0.77	2	Non-Metro	2.68	0.00	3	31
A	LEFORS	Drill additional groundwater well	GW	0.77	4	Non-Metro	2.68	3775.00	3	34
A	LEFORS	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	76
A	MEMPHIS	Drill additional groundwater well	GW	0.77	2	Non-Metro	2.68	2084.20	3	19
A	MEMPHIS	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	52
A	MEMPHIS	Voluntary transfers from other users	TRAN	0.77	3	Non-Metro	2.68	0.00	1	31
A	PALO DURO RIVER AUTHORITY	Palo Duro Reservoir	SW	0.77	3	Non-Metro	2.68	7523.28	4	76
A	PAMPA	Drill additional groundwater well	GW	0.77	1	Non-Metro	2.68	487.77	3	16
A	PAMPA	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	30
A	PAMPA	Voluntary transfers from other users	TRAN	0.77	5	Non-Metro	2.68	0.00	2	18
A	PANHANDLE	Drill additional groundwater well	GW	0.77	3	Metro	2.68	1378.88	3	16
A	PANHANDLE	Municipal conservation	MC	0.77	2	Metro	2.68	0.00	3	47
A	PERRYTON	Drill additional groundwater well	GW	0.77	5	Non-Metro	2.68	3937.22	3	47
A	PERRYTON	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	29
A	SPEARMAN	Drill additional groundwater well	GW	0.77	3	Non-Metro	2.68	1072.78	3	72
A	SPEARMAN	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	74
A	STEAM ELECTRIC POWER, MOORE	Drill additional groundwater well	GW	0.77	1	Non-Metro	2.68	1543.83	3	33
A	SUNRAY	Drill additional groundwater well	GW	0.77	3	Non-Metro	2.68	975.41	3	30
A	SUNRAY	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	28
A	TEXLINE	Drill additional groundwater well	GW	0.77	2	Non-Metro	2.68	1843.20	3	37
A	TEXLINE	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	68
A	WHEELER	Drill additional groundwater well	GW	0.77	5	Non-Metro	2.68	5583.25	3	60
A	WHEELER	Municipal conservation	MC	0.77	2	Non-Metro	2.68	0.00	3	80
B	BOWIE	Municipal conservation	MC	0.18	1	Non-Metro	6.05	0.00	3	50
B	BOWIE	Wastewater reuse	RU	0.18	4	Non-Metro	6.05	2351.85	3	27
B	COUNTY-OTHER, ARCHER	Municipal conservation	MC	0.18	1	Metro	6.05	0.00	3	38

B	COUNTY-OTHER, ARCHER	Purchase water from local provider	CT	0.18	1	Metro	6.05	204.95	3	40
B	COUNTY-OTHER, BAYLOR	Emergency interconnect Millers Creek Reservoir	SW	0.18	1	Non-Metro	6.05	476.00	3	79
B	COUNTY-OTHER, CLAY	Municipal conservation	MC	0.18	1	Metro	6.05	0.00	3	28
B	COUNTY-OTHER, CLAY	Nitrate removal plant	TD	0.18	1	Metro	6.05	3341.67	3	26
B	COUNTY-OTHER, CLAY	Purchase water from local provider	CT	0.18	1	Metro	6.05	272.05	3	66
B	COUNTY-OTHER, MONTAGUE	Develop other aquifer supplies	GW	0.18	1	Non-Metro	6.05	651.68	3	31
B	COUNTY-OTHER, MONTAGUE	Develop Trinity Aquifer supplies (includes overdrafting)	GW	0.18	1	Non-Metro	6.05	651.68	3	49
B	COUNTY-OTHER, MONTAGUE	Develop Trinity Aquifer supplies	GW	0.18	1	Non-Metro	6.05	651.68	3	34
B	COUNTY-OTHER, MONTAGUE	Municipal conservation	MC	0.18	1	Non-Metro	6.05	0.00	3	59
B	COUNTY-OTHER, WILBARGER	Nitrate removal plant	TD	0.18	1	Non-Metro	6.05	1860.42	3	67
B	COUNTY-OTHER, WILBARGER	Purchase water from local provider	CT	0.18	1	Non-Metro	6.05	2536.24	3	24
B	IOWA PARK	Municipal conservation	MC	0.18	1	Metro	6.05	0.00	3	32
B	IOWA PARK	Purchase water from local provider	CT	0.18	1	Metro	6.05	0.00	3	23
B	IRRIGATION, ARCHER	Increase water conservation pool at Lake Kemp	GC	0.18	2	Metro	6.05	3.61	3	52
B	IRRIGATION, CLAY	Increase water conservation pool at Lake Kemp	GC	0.18	2	Metro	6.05	17.92	3	64
B	IRRIGATION, WICHITA	Enclose canal laterals in pipe	TD	0.18	1	Metro	6.05	97.93	3	18
B	IRRIGATION, WICHITA	Increase water conservation pool at Lake Kemp	GC	0.18	2	Metro	6.05	0.47	3	30
B	IRRIGATION, WICHITA	Wichita River diversion	SW	0.18	4	Metro	6.05	202.64	3	50
B	LAKESIDE CITY	Municipal conservation	MC	0.18	1	Metro	6.05	0.00	3	71
B	LAKESIDE CITY	Purchase water from local provider	CT	0.18	1	Metro	6.05	0.00	3	39
B	MANUFACTURING , WICHITA	Purchase water from local provider	CT	0.18	1	Metro	6.05	0.00	3	42
B	MANUFACTURING , WICHITA	Purchase water from local provider	CT	0.18	2	Metro	6.05	0.00	3	72
B	MINING, MONTAGUE	Purchase water from local provider	CT	0.18	1	Non-Metro	6.05	387.95	3	19

B	REGIONAL WATER PROVIDER-WICHITA BASIN CHLORIDE CONTROL PROJECT	Wichita Basin chloride control project	TD	0.18	1	Metro	6.05	600.31	1	68
B	STEAM ELECTRIC POWER, WILBARGER	Increase water conservation pool at Lake Kemp	GC	0.18	2	Non-Metro	6.05	0.61	3	69
B	WICHITA FALLS	Construct Lake Ringgold	SW	0.18	5	Metro	6.05	7090.74	3	43
B	WICHITA FALLS	Increase water conservation pool at Lake Kemp	GC	0.18	2	Metro	6.05	1.55	3	27
B	WICHITA FALLS	Municipal conservation	MC	0.18	1	Metro	6.05	0.00	3	67
C	ABLES SPRINGS WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	40
C	ABLES SPRINGS WSC	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	81.97	3	73
C	ADDISON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	25
C	ADDISON	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	65
C	ALEDO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	6.77	3	42
C	ALEDO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	34.25	3	63
C	ALEDO	Supplemental wells	GW	0.01	1	Metro	1.72	2232000.00	1	38
C	ALLEN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.93	3	68
C	ALLEN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	3.84	3	46
C	ALVORD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	77
C	ALVORD	Supplemental wells	GW	0.01	1	Metro	1.72	1508000.00	1	20
C	ANNA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	ANNA	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	16.89	3	43
C	ANNA	Supplemental wells	GW	0.01	1	Metro	1.72	1381000.00	1	36
C	ANNETTA SOUTH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	58
C	ANNETTA SOUTH	Supplemental wells	GW	0.01	1	Metro	1.72	3610000.00	1	73
C	ANNETTA	Conveyance project (2)	TOD	0.01	2	Metro	1.72	4424.71	1	63
C	ANNETTA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	41
C	ANNETTA	Supplemental wells	GW	0.01	1	Metro	1.72	3610000.00	1	75

C	ARGYLE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	65
C	ARGYLE WSC	Municipal conservation - expanded	MC	0.01	4	Metro	1.72	0.00	3	61
C	ARGYLE WSC	Supplemental wells	GW	0.01	1	Metro	1.72	2836000.00	1	51
C	ARGYLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	39
C	ARGYLE	Municipal conservation - expanded	MC	0.01	3	Metro	1.72	0.00	3	16
C	ARLINGTON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	54
C	ARLINGTON	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	17
C	ARLINGTON	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	54618000.00	1	75
C	ATHENS	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	12.60	3	53
C	ATHENS	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	13.48	3	33
C	ATHENS	New wells - Carrizo Wilcox Aquifer	GW	0.01	2	Non-Metro	1.72	0.00	1	36
C	ATHENS	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1959000.00	1	27
C	AUBREY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	22
C	AUBREY	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	65
C	AUBREY	Supplemental wells	GW	0.01	1	Metro	1.72	1794000.00	1	24
C	AURORA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	62
C	AURORA	Purchase from water provider (2)	CT	0.01	2	Metro	1.72	5031.47	1	51
C	AURORA	Supplemental wells	GW	0.01	1	Metro	1.72	1512000.00	1	56
C	AZLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	4.28	3	41
C	AZLE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	23.81	3	46
C	AZLE	Water treatment plant - expansion	TD	0.01	2	Metro	1.72	3875.35	1	70
C	AZLE	Water treatment plant - new	TD	0.01	2	Metro	1.72	71942.31	1	22
C	BALCH SPRINGS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	19

C	BARDWELL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	53
C	BARDWELL	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	625.00	3	48
C	BARDWELL	Supplemental wells	GW	0.01	1	Metro	1.72	581000.00	1	28
C	BARTONVILLE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	79
C	BARTONVILLE WSC	Municipal conservation - expanded	MC	0.01	6	Metro	1.72	0.00	3	20
C	BARTONVILLE WSC	Supplemental wells	GW	0.01	1	Metro	1.72	6016000.00	1	24
C	BARTONVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	80
C	BEDFORD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23
C	BEDFORD	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	31
C	BEDFORD	Supplemental wells	GW	0.01	1	Metro	1.72	2062000.00	1	64
C	BELLS	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	20
C	BELLS	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	333.33	3	79
C	BELLS	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2033000.00	1	39
C	BENBROOK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.47	3	27
C	BENBROOK	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	7.14	3	26
C	BENBROOK	Supplemental wells	GW	0.01	1	Metro	1.72	4886000.00	1	67
C	BENBROOK	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	17046000.00	1	55
C	BETHEL-ASH WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	BETHEL-ASH WSC	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	500.00	3	33
C	BETHEL-ASH WSC	Supplemental wells	GW	0.01	1	Metro	1.72	3712000.00	1	68
C	BETHESDA WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	15
C	BETHESDA WSC	Purchase from water provider (1)	CT	0.01	3	Metro	1.72	1593.41	1	29
C	BETHESDA WSC	Supplemental wells	GW	0.01	1	Metro	1.72	10476000.00	1	30
C	BLACKLAND WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23

C	BLACKLAND WSC	Purchase from water provider (3)	CT	0.01	2	Metro	1.72	6259.18	1	31
C	BLOOMING GROVE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	30
C	BLOOMING GROVE	Municipal conservation - expanded	MC	0.01	4	Non-Metro	1.72	0.00	3	60
C	BLOOMING GROVE	New wells - Trinity Aquifer	GW	0.01	2	Non-Metro	1.72	1869.25	1	47
C	BLUE MOUND	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	64
C	BLUE MOUND	Supplemental wells	GW	0.01	1	Metro	1.72	1528168.00	1	71
C	BLUE RIDGE	Conveyance project (3)	TOD	0.01	2	Metro	1.72	1056.66	1	24
C	BLUE RIDGE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	20
C	BLUE RIDGE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	73.53	3	39
C	BLUE RIDGE	Supplemental wells	GW	0.01	1	Metro	1.72	1528000.00	1	30
C	BOLIVAR WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	22
C	BOLIVAR WSC	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	15.92	3	53
C	BOLIVAR WSC	Supplemental wells	GW	0.01	1	Metro	1.72	10842000.00	1	67
C	BONHAM	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	32
C	BONHAM	Municipal conservation - expanded	MC	0.01	2	Non-Metro	1.72	0.00	3	43
C	BOYD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	59
C	BOYD	Supplemental wells	GW	0.01	1	Metro	1.72	760000.00	1	22
C	BRANDON-IRENE WSC	Municipal conservation - basic	MC	0.01	2	Non-Metro	1.72	0.00	3	66
C	BRIDGEPORT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	38
C	BRIDGEPORT	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	20.75	3	21
C	BRIDGEPORT	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	14540000.00	1	73
C	BRIDGEPORT	Water treatment plant - new	TD	0.01	2	Metro	1.72	5831.74	1	76
C	BRYSON	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	63
C	BUENA VISTA - BETHEL SUD	Conveyance project (2)	TOD	0.01	1	Metro	1.72	8798000.00	1	23

C	BUENA VISTA - BETHEL SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	58
C	BUENA VISTA - BETHEL SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	38.17	3	61
C	BUENA VISTA - BETHEL SUD	Overdraft Trinity Aquifer - existing wells	GW	0.01	1	Metro	1.72	0.00	3	73
C	BUENA VISTA - BETHEL SUD	Supplemental wells	GW	0.01	1	Metro	1.72	3732000.00	1	27
C	BURLESON	Conveyance project (2)	TOD	0.01	2	Metro	1.72	54000.00	1	21
C	BURLESON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	69
C	CADDO BASIN SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	49
C	CARROLLTON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.96	3	47
C	CARROLLTON	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	4.00	3	42
C	CARROLLTON	Supplemental wells	GW	0.01	1	Metro	1.72	1173000.00	1	77
C	CASH SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	69
C	CASH SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	68
C	CASH SUD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	7270000.00	1	32
C	CEDAR HILL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	4.13	3	18
C	CEDAR HILL	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	71
C	CEDAR HILL	Supplemental wells	GW	0.01	1	Metro	1.72	2808000.00	1	41
C	CELINA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.57	3	66
C	CELINA	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	16
C	CELINA	Purchase from water provider (3)	CT	0.01	2	Metro	1.72	9762.77	1	58
C	CELINA	Supplemental wells	GW	0.01	1	Metro	1.72	2838000.00	1	51
C	CHATFIELD WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	41
C	CHICO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	44
C	CHICO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	78

C	CHICO	Purchase from water provider (1)	CT	0.01	3	Metro	1.72	17369.94	1	55
C	CHICO	Supplemental wells	GW	0.01	1	Metro	1.72	2239000.00	1	54
C	COCKRELL HILL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	55
C	COLLEGE MOUND WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	66
C	COLLEGE MOUND WSC	Purchase from water provider (3)	CT	0.01	2	Metro	1.72	2922.64	1	78
C	COLLEYVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	6.54	3	63
C	COLLEYVILLE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	47
C	COLLEYVILLE	Supplemental wells	GW	0.01	1	Metro	1.72	0.00	1	80
C	COLLINSVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	15
C	COLLINSVILLE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	151.52	3	21
C	COLLINSVILLE	Supplemental wells	GW	0.01	1	Metro	1.72	2990000.00	1	72
C	COMBINE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	26
C	COMBINE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	COMMUNITY WATER COMPANY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	70
C	COMMUNITY WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	22
C	COPPELL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.58	3	39
C	COPPELL	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	5.94	3	53
C	COPPER CANYON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	18
C	CORINTH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	77
C	CORINTH	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	7.61	3	23
C	CORINTH	Supplemental wells	GW	0.01	1	Metro	1.72	541600.00	1	20
C	CORSICANA	Conveyance project (1)	TOD	0.01	2	Non-Metro	1.72	455.96	1	28
C	CORSICANA	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	15.64	3	24

C	CORSICANA	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	13.40	3	23
C	CORSICANA	Water treatment plant - expansion	TD	0.01	2	Non-Metro	1.72	1888.42	1	52
C	CORSICANA	Water treatment plant - new	TD	0.01	1	Non-Metro	1.72	32388400.00	1	44
C	COUNTY-OTHER, COLLIN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	16
C	COUNTY-OTHER, COLLIN	Supplemental wells	GW	0.01	1	Metro	1.72	595000.00	1	68
C	COUNTY-OTHER, COOKE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	35
C	COUNTY-OTHER, COOKE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	6354000.00	1	76
C	COUNTY-OTHER, DALLAS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	57
C	COUNTY-OTHER, DALLAS	Supplemental wells	GW	0.01	1	Metro	1.72	794000.00	1	59
C	COUNTY-OTHER, DENTON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	41
C	COUNTY-OTHER, DENTON	New wells - Woodbine Aquifer	GW	0.01	1	Metro	1.72	1365.83	1	44
C	COUNTY-OTHER, DENTON	Supplemental wells	GW	0.01	1	Metro	1.72	1170000.00	1	34
C	COUNTY-OTHER, ELLIS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	39
C	COUNTY-OTHER, ELLIS	New wells - Woodbine Aquifer	GW	0.01	2	Metro	1.72	1843.93	1	53
C	COUNTY-OTHER, ELLIS	Supplemental wells	GW	0.01	1	Metro	1.72	8826000.00	1	52
C	COUNTY-OTHER, FANNIN	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	44
C	COUNTY-OTHER, FANNIN	Supplemental wells	GW	0.01	1	Non-Metro	1.72	13498000.00	1	40
C	COUNTY-OTHER, FREESTONE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	73
C	COUNTY-OTHER, FREESTONE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	463000.00	1	64
C	COUNTY-OTHER, GRAYSON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	28
C	COUNTY-OTHER, GRAYSON	Supplemental wells	GW	0.01	1	Metro	1.72	31620000.00	1	16
C	COUNTY-OTHER, HENDERSON	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	29
C	COUNTY-OTHER, HENDERSON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	404000.00	1	50
C	COUNTY-OTHER, JACK	Conveyance project (1)	TOD	0.01	1	Non-Metro	1.72	6621.58	1	17
C	COUNTY-OTHER, JACK	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	48
C	COUNTY-OTHER, JACK	Supplemental wells	GW	0.01	1	Non-Metro	1.72	372000.00	1	77

C	COUNTY-OTHER, KAUFMAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	COUNTY-OTHER, KAUFMAN	Supplemental wells	GW	0.01	1	Metro	1.72	404000.00	1	38
C	COUNTY-OTHER, NAVARRO	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	26
C	COUNTY-OTHER, NAVARRO	Supplemental wells	GW	0.01	1	Non-Metro	1.72	558000.00	1	70
C	COUNTY-OTHER, PARKER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	30
C	COUNTY-OTHER, PARKER	Supplemental wells	GW	0.01	1	Metro	1.72	331000.00	1	34
C	COUNTY-OTHER, ROCKWALL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	28
C	COUNTY-OTHER, ROCKWALL	Supplemental wells	GW	0.01	1	Metro	1.72	331000.00	1	76
C	COUNTY-OTHER, TARRANT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	19
C	COUNTY-OTHER, TARRANT	Supplemental wells	GW	0.01	1	Metro	1.72	463000.00	1	44
C	COUNTY-OTHER, WISE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	27
C	COUNTY-OTHER, WISE	Supplemental wells	GW	0.01	1	Metro	1.72	348000.00	1	21
C	CRANDALL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	26.34	3	67
C	CRANDALL	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	44.64	3	58
C	CRANDALL	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	7310.18	1	31
C	CRESSON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	17
C	CROSS ROADS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23
C	CROSS ROADS	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	16
C	CROWLEY	Conveyance project (2)	TOD	0.01	2	Metro	1.72	10350.00	1	69
C	CROWLEY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	54
C	CROWLEY	Supplemental wells	GW	0.01	1	Metro	1.72	4014000.00	1	37
C	CULLEOKA WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	32
C	DALLAS	Additional dry year supply	WR	0.01	1	Metro	1.72	70.00	1	65
C	DALLAS	Additional pipeline from Lake Tawakoni (more Lake Fork supply)	SW	0.01	2	Metro	1.72	1349.19	1	40
C	DALLAS	Conveyance project	TOD	0.01	1	Metro	1.72	260000000.00	1	41

		(1)								
C	DALLAS	Dallas Water Utilities reuse	RU	0.01	2	Metro	1.72	388.35	1	54
C	DALLAS	Fastrill replacement (Region C component)	TD	0.01	6	Metro	1.72	17665.28	1	30
C	DALLAS	Lake Palestine connection (integrated pipeline with TRWD)	TD	0.01	2	Metro	1.72	1620.91	1	20
C	DALLAS	Lake Wright Patman - reallocation of flood pool	SW	0.01	4	Metro	1.72	2665.71	1	77
C	DALLAS	Main Stem Trinity pump station (Lake Ray Hubbard indirect reuse - DWU)	TD	0.01	2	Metro	1.72	1851.83	1	20
C	DALLAS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	38
C	DALLAS	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	16
C	DALLAS	Redistribution of supplies	REL	0.01	2	Metro	1.72	0.00	1	34
C	DALLAS	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	1068033000.00	1	63
C	DALWORTHINGTON GARDENS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	28
C	DALWORTHINGTON GARDENS	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	34
C	DALWORTHINGTON GARDENS	Supplemental wells	GW	0.01	1	Metro	1.72	1165000.00	1	42
C	DANVILLE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	19
C	DANVILLE WSC	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	78
C	DAWSON	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	70
C	DAWSON	Municipal conservation - expanded	MC	0.01	5	Non-Metro	1.72	0.00	3	18
C	DAWSON	Water treatment plant - new	TD	0.01	2	Non-Metro	1.72	3728.57	1	68
C	DE SOTO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	79
C	DE SOTO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	27
C	DECATUR	Municipal conservation - basic	MC	0.01	1	Metro	1.72	3.90	3	22
C	DECATUR	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	21.28	3	75

C	DENISON	Conveyance project (1)	TOD	0.01	1	Metro	1.72	13847000.00	1	80
C	DENISON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	11.42	3	63
C	DENISON	Municipal conservation - expanded	MC	0.01	3	Metro	1.72	0.00	3	32
C	DENISON	Supplemental wells	GW	0.01	1	Metro	1.72	2416000.00	1	55
C	DENISON	Water treatment plant - expansion	TD	0.01	4	Metro	1.72	2161.76	1	19
C	DENTON COUNTY FWSD #1A	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	63
C	DENTON COUNTY FWSD #1A	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	14.37	3	55
C	DENTON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.46	3	56
C	DENTON	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	2.12	3	68
C	DENTON	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	265434000.00	1	55
C	DOUBLE OAK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	DUNCANVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	31
C	DUNCANVILLE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	50
C	EAST CEDAR CREEK FWSD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	16
C	EAST CEDAR CREEK FWSD	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	42.74	3	54
C	EAST CEDAR CREEK FWSD	Water treatment plant - expansion	TD	0.01	1	Non-Metro	1.72	14540000.00	1	65
C	EAST FORK SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	18
C	ECTOR	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	73
C	ECTOR	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1332000.00	1	59
C	EDGECLIFF	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	62
C	EDGECLIFF	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	69
C	ENNIS	Ennis reuse	RU	0.01	4	Metro	1.72	5102.60	1	72
C	ENNIS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	6.34	3	22

C	ENNIS	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	8.98	3	61
C	ENNIS	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	33960000.00	1	56
C	EULESS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	9.83	3	43
C	EULESS	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	55
C	EULESS	Supplemental wells	GW	0.01	1	Metro	1.72	2250000.00	1	40
C	EUSTACE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	52
C	EUSTACE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1035000.00	1	21
C	EVERMAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	66
C	EVERMAN	Supplemental wells	GW	0.01	1	Metro	1.72	3524000.00	1	65
C	FAIRFIELD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	14.20	3	17
C	FAIRFIELD	Municipal conservation - expanded	MC	0.01	4	Non-Metro	1.72	0.00	3	23
C	FAIRFIELD	New wells - Carrizo Wilcox Aquifer	GW	0.01	4	Non-Metro	1.72	677.30	1	60
C	FAIRFIELD	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2556000.00	1	48
C	FAIRFIELD	Water treatment plant - new	TD	0.01	1	Non-Metro	1.72	8218000.00	1	78
C	FAIRVIEW	Municipal conservation - basic	MC	0.01	1	Metro	1.72	2.39	3	46
C	FAIRVIEW	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	8.25	3	50
C	FARMERS BRANCH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.93	3	32
C	FARMERS BRANCH	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	4.41	3	24
C	FARMERSVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	FATE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	78
C	FERRIS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	32
C	FERRIS	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	227.27	3	43
C	FERRIS	Supplemental wells	GW	0.01	1	Metro	1.72	1300000.00	1	75

C	FILES VALLEY WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	24
C	FLO COMMUNITY WSC	Municipal conservation - basic	MC	0.01	2	Non-Metro	1.72	0.00	3	28
C	FLO COMMUNITY WSC	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2305000.00	1	46
C	FLOWER MOUND	Municipal conservation - basic	MC	0.01	1	Metro	1.72	3.34	3	46
C	FLOWER MOUND	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	3.34	3	59
C	FOREST HILL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	73
C	FORNEY LAKE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	78
C	FORNEY LAKE WSC	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	76
C	FORNEY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	FORNEY	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	53
C	FORT WORTH	Direct reuse	RU	0.01	1	Metro	1.72	2750.75	1	41
C	FORT WORTH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	42
C	FORT WORTH	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	35
C	FORT WORTH	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	772646000.00	1	20
C	FORT WORTH	Water treatment plant - new	TD	0.01	1	Metro	1.72	100617000.00	1	76
C	FRISCO	Direct reuse - Frisco	RU	0.01	2	Metro	1.72	1394.74	1	51
C	FRISCO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.83	3	40
C	FRISCO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	5.72	3	20
C	FROST	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	34
C	FROST	Supplemental wells	GW	0.01	1	Non-Metro	1.72	558000.00	1	57
C	GAINESVILLE	Bed and Banks Permit	WR	0.01	1	Non-Metro	1.72	0.00	1	40
C	GAINESVILLE	Cooke County project	TD	0.01	2	Non-Metro	1.72	2992.86	1	33
C	GAINESVILLE	Direct reuse	RU	0.01	2	Non-Metro	1.72	2476.96	1	66
C	GAINESVILLE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	27

C	GAINESVILLE	Municipal conservation - expanded	MC	0.01	3	Non-Metro	1.72	0.00	3	62
C	GAINESVILLE	Overdraft Trinity Aquifer - existing wells	GW	0.01	1	Non-Metro	1.72	0.00	3	26
C	GAINESVILLE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	5648000.00	1	25
C	GARLAND	Municipal conservation - basic	MC	0.01	1	Metro	1.72	4.52	3	32
C	GARLAND	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	2.62	3	68
C	GASTONIA-SCURRY SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	68
C	GLENN HEIGHTS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	59
C	GLENN HEIGHTS	Supplemental wells	GW	0.01	1	Metro	1.72	1659000.00	1	45
C	GRAND PRAIRIE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.41	3	32
C	GRAND PRAIRIE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	32
C	GRAND PRAIRIE	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	690.72	1	31
C	GRAND PRAIRIE	Supplemental wells	GW	0.01	1	Metro	1.72	3000000.00	1	35
C	GRAPEVINE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	5.63	3	64
C	GRAPEVINE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	4.81	3	18
C	GREATER TEXOMA UTILITY AUTHORITY	Collin-Grayson Municipal Alliance System	TD	0.01	2	Metro	1.72	1044.40	1	78
C	GREATER TEXOMA UTILITY AUTHORITY	Grayson County project	TD	0.01	1	Metro	1.72	1794.41	1	21
C	GUN BARREL CITY	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	54
C	GUN BARREL CITY	Water treatment plant - new	TD	0.01	1	Non-Metro	1.72	11576000.00	1	64
C	GUNTER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	22
C	GUNTER	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	192.31	3	77
C	GUNTER	Supplemental wells	GW	0.01	1	Metro	1.72	2475000.00	1	57
C	HACKBERRY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	71
C	HACKBERRY	Supplemental wells	GW	0.01	1	Metro	1.72	959000.00	1	49

C	HALTOM CITY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	45
C	HASLET	Municipal conservation - basic	MC	0.01	1	Metro	1.72	6.90	3	62
C	HASLET	Supplemental wells	GW	0.01	1	Metro	1.72	1873000.00	1	72
C	HEATH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	40
C	HEATH	Municipal conservation - expanded	MC	0.01	3	Metro	1.72	0.00	3	27
C	HEBRON	Municipal conservation - basic	MC	0.01	2	Metro	1.72	0.00	3	77
C	HICKORY CREEK SUD	Additional Woodbine Aquifer - Existing Wells	GW	0.01	1	Metro	1.72	0.00	1	60
C	HICKORY CREEK SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	45
C	HICKORY CREEK SUD	Municipal conservation - expanded	MC	0.01	4	Metro	1.72	1666.67	3	70
C	HICKORY CREEK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	55
C	HICKORY CREEK	Supplemental wells	GW	0.01	1	Metro	1.72	0.00	1	45
C	HIGH POINT WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	31
C	HIGHLAND PARK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	76
C	HIGHLAND VILLAGE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	3.45	3	62
C	HIGHLAND VILLAGE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	12.05	3	79
C	HIGHLAND VILLAGE	Supplemental wells	GW	0.01	1	Metro	1.72	4992000.00	1	31
C	HONEY GROVE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	11.99	3	55
C	HONEY GROVE	Municipal conservation - expanded	MC	0.01	2	Non-Metro	1.72	0.00	3	64
C	HONEY GROVE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1844000.00	1	20
C	HOWE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	25
C	HOWE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	89.29	3	28
C	HOWE	Supplemental wells	GW	0.01	1	Metro	1.72	2286000.00	1	36
C	HUDSON OAKS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	20.08	3	67

C	HUDSON OAKS	Supplemental wells	GW	0.01	1	Metro	1.72	7518000.00	1	38
C	HURST	Municipal conservation - basic	MC	0.01	1	Metro	1.72	11.28	3	77
C	HURST	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	71
C	HURST	Supplemental wells	GW	0.01	1	Metro	1.72	5958000.00	1	23
C	HUTCHINS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	72
C	HUTCHINS	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	58
C	IRRIGATION, COLLIN	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	66
C	IRRIGATION, COLLIN	Supplemental wells	GW	0.01	1	Metro	1.72	608000.00	1	36
C	IRRIGATION, COOKE	Golf course conservation	IC	0.01	2	Non-Metro	1.72	0.00	1	58
C	IRRIGATION, COOKE	Overdraft Trinity Aquifer - existing wells	GW	0.01	1	Non-Metro	1.72	0.00	3	44
C	IRRIGATION, COOKE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1678000.00	1	53
C	IRRIGATION, DALLAS	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	76
C	IRRIGATION, DALLAS	Supplemental wells	GW	0.01	1	Metro	1.72	316000.00	1	65
C	IRRIGATION, DENTON	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	597.50	1	41
C	IRRIGATION, DENTON	Supplemental wells	GW	0.01	1	Metro	1.72	116000.00	1	61
C	IRRIGATION, DENTON	TRA Denton Creek wastewater treatment plant reuse	RU	0.01	2	Metro	1.72	0.00	1	60
C	IRRIGATION, ELLIS	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	62
C	IRRIGATION, ELLIS	New wells - Woodbine Aquifer	GW	0.01	1	Metro	1.72	736.23	1	78
C	IRRIGATION, ELLIS	Supplemental wells	GW	0.01	1	Metro	1.72	394000.00	1	42
C	IRRIGATION, FANNIN	Supplemental wells	GW	0.01	1	Non-Metro	1.72	5123000.00	1	20
C	IRRIGATION, FREESTONE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	75000.00	1	23
C	IRRIGATION, GRAYSON	Supplemental wells	GW	0.01	1	Metro	1.72	10032000.00	1	28
C	IRRIGATION, KAUFMAN	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	60
C	IRRIGATION, KAUFMAN	Supplemental wells	GW	0.01	1	Metro	1.72	56000.00	1	51
C	IRRIGATION, PARKER	Supplemental wells	GW	0.01	1	Metro	1.72	28000.00	1	76
C	IRRIGATION, ROCKWALL	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	31
C	IRRIGATION, TARRANT	Golf course conservation	IC	0.01	1	Metro	1.72	0.00	1	16
C	IRRIGATION, TARRANT	Supplemental wells	GW	0.01	1	Metro	1.72	75000.00	1	25
C	IRRIGATION, WISE	Golf course conservation	IC	0.01	2	Metro	1.72	0.00	1	41
C	IRRIGATION, WISE	Supplemental wells	GW	0.01	1	Metro	1.72	35000.00	1	36
C	IRVING	Conveyance project (2)	TOD	0.01	1	Metro	1.72	12879000.00	1	39

C	IRVING	Direct reuse	RU	0.01	2	Metro	1.72	1542.84	1	37
C	IRVING	Facility improvements	FAC	0.01	1	Metro	1.72	18183800.00	1	44
C	IRVING	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.41	3	23
C	IRVING	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	1.53	3	39
C	IRVING	Oklahoma water to Irving	TRAN	0.01	3	Metro	1.72	1948.25	1	34
C	ITALY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	ITALY	Supplemental wells	GW	0.01	1	Metro	1.72	2434000.00	1	35
C	JACKSBORO	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	79
C	JOHNSON COUNTY SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	45
C	JOSEPHINE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	73
C	JUSTIN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	16.88	3	72
C	JUSTIN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	30.12	3	57
C	JUSTIN	Supplemental wells	GW	0.01	1	Metro	1.72	2188000.00	1	76
C	KAUFMAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	39.34	3	64
C	KAUFMAN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	43.10	3	63
C	KELLER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	30
C	KELLER	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	60
C	KELLER	Supplemental wells	GW	0.01	1	Metro	1.72	711000.00	1	61
C	KEMP	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	46
C	KENNEDALE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	76
C	KENNEDALE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	76
C	KENNEDALE	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	553.24	1	64
C	KENNEDALE	Supplemental wells	GW	0.01	1	Metro	1.72	4732000.00	1	68
C	KERENS	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	51

C	KIOWA HOMEOWNERS WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	42
C	KIOWA HOMEOWNERS WSC	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1948000.00	1	40
C	KRUGERVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	60
C	KRUM	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	16
C	KRUM	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	116.28	3	57
C	KRUM	Supplemental wells	GW	0.01	1	Metro	1.72	2266000.00	1	29
C	LADONIA	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	37
C	LADONIA	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	0.00	3	49
C	LADONIA	Purchase from water provider (3)	CT	0.01	2	Non-Metro	1.72	761.59	1	74
C	LADONIA	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2250000.00	1	47
C	LAKE CITIES MUNICIPAL UTILITY AUTHORITY	Supplemental wells	GW	0.01	1	Metro	1.72	2355000.00	1	46
C	LAKE DALLAS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	19
C	LAKE WORTH	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	32
C	LAKE WORTH	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	43
C	LAKE WORTH	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	660.32	1	39
C	LAKE WORTH	Supplemental wells	GW	0.01	1	Metro	1.72	1951000.00	1	66
C	LAKESIDE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	64.80	3	63
C	LAKESIDE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	98.04	3	75
C	LAKESIDE	New wells - Trinity Aquifer	GW	0.01	3	Metro	1.72	626.89	1	53
C	LAKESIDE	Supplemental wells	GW	0.01	1	Metro	1.72	2065000.00	1	46
C	LANCASTER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	66
C	LANCASTER	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	490.09	1	76
C	LAVON WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	60

C	LEONARD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	35
C	LEONARD	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	0.00	3	54
C	LEONARD	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2442000.00	1	77
C	LEWISVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	4.85	3	77
C	LEWISVILLE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	27.61	3	26
C	LEWISVILLE	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	53666000.00	1	36
C	LEWISVILLE	Water treatment plant - new	TD	0.01	1	Metro	1.72	31621000.00	1	61
C	LINCOLN PARK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	26
C	LINCOLN PARK	Supplemental wells	GW	0.01	1	Metro	1.72	500000.00	1	31
C	LINDSAY	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	68
C	LINDSAY	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1380000.00	1	77
C	LITTLE ELM	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.49	3	43
C	LITTLE ELM	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	9.49	3	31
C	LITTLE ELM	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	171.14	1	34
C	LITTLE ELM	Supplemental wells	GW	0.01	1	Metro	1.72	2004000.00	1	41
C	LIVESTOCK, COLLIN	Supplemental wells	GW	0.01	1	Metro	1.72	304000.00	1	64
C	LIVESTOCK, COOKE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	4614000.00	1	54
C	LIVESTOCK, DALLAS	Supplemental wells	GW	0.01	1	Metro	1.72	186000.00	1	23
C	LIVESTOCK, DENTON	Supplemental wells	GW	0.01	1	Metro	1.72	116000.00	1	24
C	LIVESTOCK, ELLIS	Supplemental wells	GW	0.01	1	Metro	1.72	388000.00	1	20
C	LIVESTOCK, FANNIN	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1472000.00	1	42
C	LIVESTOCK, FREESTONE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	75000.00	1	62
C	LIVESTOCK, GRAYSON	Supplemental wells	GW	0.01	1	Metro	1.72	1025000.00	1	54
C	LIVESTOCK, HENDERSON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	56000.00	1	30
C	LIVESTOCK, JACK	Supplemental wells	GW	0.01	1	Non-Metro	1.72	43000.00	1	66
C	LIVESTOCK, KAUFMAN	Supplemental wells	GW	0.01	1	Metro	1.72	56000.00	1	33
C	LIVESTOCK, NAVARRO	Supplemental wells	GW	0.01	1	Non-Metro	1.72	105000.00	1	61
C	LIVESTOCK, PARKER	Supplemental wells	GW	0.01	1	Metro	1.72	28000.00	1	19
C	LIVESTOCK, ROCKWALL	Supplemental wells	GW	0.01	1	Metro	1.72	28000.00	1	66
C	LIVESTOCK, TARRANT	Supplemental wells	GW	0.01	1	Metro	1.72	75000.00	1	74

C	LIVESTOCK, WISE	Supplemental wells	GW	0.01	1	Metro	1.72	35000.00	1	56
C	LOG CABIN	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	47
C	LOG CABIN	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1400000.00	1	24
C	LOWRY CROSSING	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	19
C	LUCAS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	26
C	LUELLA WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	62
C	LUELLA WSC	Supplemental wells	GW	0.01	1	Metro	1.72	4214000.00	1	44
C	M E N WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	43
C	M E N WSC	Purchase from water provider (1)	CT	0.01	2	Non-Metro	1.72	3280.87	1	21
C	MABANK	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	4.91	3	42
C	MABANK	Municipal conservation - expanded	MC	0.01	2	Non-Metro	1.72	0.00	3	59
C	MABANK	Water treatment plant - expansion - reuse sources	TD	0.01	1	Non-Metro	1.72	4094000.00	1	19
C	MACBEE SUD	Municipal conservation - basic	MC	0.01	2	Metro	1.72	0.00	3	48
C	MALAKOFF	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	35
C	MALAKOFF	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1512000.00	1	37
C	MANSFIELD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	2.23	3	60
C	MANSFIELD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	63
C	MANSFIELD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	118016000.00	1	73
C	MANSFIELD	Water treatment plant - new	TD	0.01	1	Metro	1.72	41080000.00	1	65
C	MANUFACTURING , COLLIN	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	56
C	MANUFACTURING , COLLIN	Supplemental wells	GW	0.01	1	Metro	1.72	506000.00	1	43
C	MANUFACTURING , COOKE	Manufacturing conservation	IND	0.01	2	Non-Metro	1.72	0.00	1	74
C	MANUFACTURING , COOKE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1584000.00	1	64
C	MANUFACTURING , COOKE	Water treatment plant - new	TD	0.01	3	Non-Metro	1.72	0.00	1	59
C	MANUFACTURING , DALLAS	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	19
C	MANUFACTURING , DALLAS	Supplemental wells	GW	0.01	1	Metro	1.72	1410000.00	1	52

C	MANUFACTURING, DENTON	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	33
C	MANUFACTURING, DENTON	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	597.50	1	50
C	MANUFACTURING, DENTON	Supplemental wells	GW	0.01	1	Metro	1.72	504000.00	1	57
C	MANUFACTURING, ELLIS	Supplemental wells	GW	0.01	1	Metro	1.72	13358000.00	1	48
C	MANUFACTURING, GRAYSON	Manufacturing conservation	IND	0.01	1	Metro	1.72	0.00	1	73
C	MANUFACTURING, GRAYSON	Supplemental wells	GW	0.01	1	Metro	1.72	12982000.00	1	67
C	MANUFACTURING, HENDERSON	Manufacturing conservation	IND	0.01	3	Non-Metro	1.72	0.00	1	72
C	MANUFACTURING, HENDERSON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	315000.00	1	39
C	MANUFACTURING, KAUFMAN	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	32
C	MANUFACTURING, NAVARRO	Manufacturing conservation	IND	0.01	2	Non-Metro	1.72	0.00	1	25
C	MANUFACTURING, PARKER	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	52
C	MANUFACTURING, PARKER	Supplemental wells	GW	0.01	1	Metro	1.72	242000.00	1	34
C	MANUFACTURING, ROCKWALL	Manufacturing conservation	IND	0.01	3	Metro	1.72	0.00	1	38
C	MANUFACTURING, TARRANT	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	64
C	MANUFACTURING, WISE	Manufacturing conservation	IND	0.01	2	Metro	1.72	0.00	1	51
C	MANUFACTURING, WISE	Supplemental wells	GW	0.01	1	Metro	1.72	259000.00	1	41
C	MARILEE SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	58
C	MARILEE SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	18
C	MARILEE SUD	Supplemental wells	GW	0.01	1	Metro	1.72	4307000.00	1	18
C	MAYPEARL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	42
C	MAYPEARL	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	26
C	MAYPEARL	Supplemental wells	GW	0.01	1	Metro	1.72	1559000.00	1	20
C	MCKINNEY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.14	3	74
C	MCKINNEY	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	1.47	3	72
C	MCLENDON-CHISHOLM	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	37
C	MELISSA	Conveyance project (1)	TOD	0.01	1	Metro	1.72	1916000.00	1	18
C	MELISSA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.74	3	62
C	MELISSA	Municipal conservation - expanded	MC	0.01	5	Metro	1.72	0.00	3	62
C	MELISSA	Supplemental wells	GW	0.01	1	Metro	1.72	1330000.00	1	50

C	MESQUITE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	4.58	3	33
C	MESQUITE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	27
C	MIDLOTHIAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	3.71	3	41
C	MIDLOTHIAN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	5.77	3	30
C	MIDLOTHIAN	Purchase from water provider (1)	CT	0.01	1	Metro	1.72	0.00	1	67
C	MIDLOTHIAN	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	66150000.00	1	74
C	MIDLOTHIAN	Water treatment plant - new	TD	0.01	1	Metro	1.72	30590000.00	1	46
C	MILFORD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	30
C	MILFORD	Supplemental wells	GW	0.01	1	Metro	1.72	958000.00	1	27
C	MILLIGAN WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	30
C	MINERAL WELLS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	61
C	MINING, COOKE	Overdraft Trinity Aquifer - new wells	GW	0.01	1	Non-Metro	1.72	3586.67	3	69
C	MINING, COOKE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	420000.00	1	40
C	MINING, DALLAS	Supplemental wells	GW	0.01	1	Non-Metro	1.72	316000.00	1	48
C	MINING, DENTON	New wells - Trinity Aquifer	GW	0.01	1	Non-Metro	1.72	886.67	1	78
C	MINING, DENTON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	267000.00	1	62
C	MINING, ELLIS	Supplemental wells	GW	0.01	1	Non-Metro	1.72	388000.00	1	68
C	MINING, FREESTONE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	118000.00	1	45
C	MINING, GRAYSON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2885000.00	1	54
C	MINING, HENDERSON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	82000.00	1	66
C	MINING, JACK	Indirect reuse - Jacksboro for Jack County mining	RU	0.01	1	Non-Metro	1.72	86.58	1	32
C	MINING, JACK	Supplemental wells	GW	0.01	1	Non-Metro	1.72	63000.00	1	76
C	MINING, NAVARRO	Supplemental wells	GW	0.01	1	Non-Metro	1.72	348000.00	1	38
C	MINING, PARKER	Supplemental wells	GW	0.01	1	Non-Metro	1.72	38000.00	1	59
C	MINING, TARRANT	Supplemental wells	GW	0.01	1	Non-Metro	1.72	156000.00	1	65
C	MINING, WISE	Direct reuse	RU	0.01	2	Non-Metro	1.72	0.00	1	30
C	MINING, WISE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	49000.00	1	49
C	MOUNTAIN PEAK SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	24

C	MOUNTAIN PEAK SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	51.02	3	58
C	MOUNTAIN PEAK SUD	New wells - Woodbine Aquifer	GW	0.01	2	Metro	1.72	876.00	1	56
C	MOUNTAIN PEAK SUD	Overdraft Trinity Aquifer - existing wells	GW	0.01	1	Metro	1.72	0.00	3	65
C	MOUNTAIN PEAK SUD	Supplemental wells	GW	0.01	1	Metro	1.72	3458000.00	1	60
C	MT ZION WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	55
C	MT ZION WSC	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	29
C	MUENSTER	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	56
C	MUENSTER	Municipal conservation - expanded	MC	0.01	4	Non-Metro	1.72	0.00	3	69
C	MUENSTER	Subordination agreement - future-only sources	SUB	0.01	2	Non-Metro	1.72	7139.01	1	59
C	MUENSTER	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2150000.00	1	15
C	MURPHY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23
C	MURPHY	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	73
C	MUSTANG SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	28
C	MUSTANG SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	33.56	3	79
C	MUSTANG SUD	Supplemental wells	GW	0.01	1	Metro	1.72	4444000.00	1	21
C	NAVARRO MILLS WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	56
C	NAVARRO MILLS WSC	New wells - Woodbine Aquifer	GW	0.01	2	Non-Metro	1.72	5454.55	1	41
C	NEVADA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	NEVADA	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	53
C	NEW FAIRVIEW	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	27
C	NEW FAIRVIEW	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	4135.30	1	74
C	NEW FAIRVIEW	Supplemental wells	GW	0.01	1	Metro	1.72	1340000.00	1	51
C	NEW HOPE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	43

C	NEW HOPE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	59
C	NEWARK	Conveyance project (2)	TOD	0.01	1	Metro	1.72	2376000.00	1	58
C	NEWARK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	30
C	NEWARK	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	227.27	3	76
C	NEWARK	Supplemental wells	GW	0.01	1	Metro	1.72	2382000.00	1	30
C	NORTH COLLIN WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	70
C	NORTH COLLIN WSC	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	34
C	NORTH HUNT WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	49
C	NORTH HUNT WSC	Supplemental wells	GW	0.01	1	Non-Metro	1.72	0.00	1	23
C	NORTH RICHLAND HILLS	Conveyance project (1)	TOD	0.01	1	Metro	1.72	11803000.00	1	44
C	NORTH RICHLAND HILLS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	8.40	3	44
C	NORTH RICHLAND HILLS	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	61
C	NORTH RICHLAND HILLS	Supplemental wells	GW	0.01	1	Metro	1.72	502000.00	1	15
C	NORTH TEXAS MWD	Facility improvements	FAC	0.01	1	Metro	1.72	2295829800.00	1	69
C	NORTH TEXAS MWD	Fannin County project	TD	0.01	2	Non-Metro	1.72	2253.98	1	33
C	NORTH TEXAS MWD	Lake Texoma - authorized (blend)	SW	0.01	3	Metro	1.72	924.82	1	37
C	NORTH TEXAS MWD	Lake Texoma - interim purchase from GTUA	WR	0.01	2	Metro	1.72	0.00	1	18
C	NORTH TEXAS MWD	Lower Bois d'Arc Creek Reservoir	SW	0.01	2	Metro	1.72	1215.00	1	43
C	NORTH TEXAS MWD	Main stem pump station (additional East Fork) NTMWD	TD	0.01	2	Metro	1.72	0.00	1	50
C	NORTH TEXAS MWD	Marvin Nichols Reservoir	SW	0.01	3	Metro	1.72	1584.47	1	20
C	NORTH TEXAS MWD	Oklahoma water to NTMWD, TRWD, UTRWD	TRAN	0.01	6	Metro	1.72	4207.07	1	77
C	NORTH TEXAS MWD	Toledo Bend project (Region I entities responsible for 20 percent of cost)	TRAN	0.01	5	Metro	1.72	2324.56	1	57
C	NORTHLAKE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	63
C	NORTHLAKE	Supplemental wells	GW	0.01	1	Metro	1.72	500000.00	1	61

C	OAK GROVE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	40
C	OAK LEAF	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	60
C	OAK POINT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	5.62	3	31
C	OAK POINT	Municipal conservation - expanded	MC	0.01	3	Metro	1.72	0.00	3	40
C	OVILLA	Conveyance project (2)	TOD	0.01	2	Metro	1.72	16065.10	1	65
C	OVILLA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	63
C	OVILLA	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	49
C	PALMER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	36
C	PALMER	Supplemental wells	GW	0.01	1	Metro	1.72	1152000.00	1	77
C	PALO PINTO MWD #1	Redistribution of supplies	REL	0.01	1	Non-Metro	1.72	0.00	1	36
C	PANTEGO	Conveyance project (2)	TOD	0.01	1	Metro	1.72	1072000.00	1	33
C	PANTEGO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	72
C	PANTEGO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	131.58	3	70
C	PANTEGO	Purchase from water provider (3)	CT	0.01	3	Metro	1.72	6125.71	1	51
C	PANTEGO	Supplemental wells	GW	0.01	1	Metro	1.72	3510000.00	1	55
C	PARADISE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	47
C	PARKER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	25
C	PARKER	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	67
C	PAYNE SPRINGS	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	56
C	PAYNE SPRINGS	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	277.78	3	42
C	PAYNE SPRINGS	New wells - Carrizo Wilcox Aquifer	GW	0.01	1	Non-Metro	1.72	409.09	1	16
C	PAYNE SPRINGS	Supplemental wells	GW	0.01	1	Non-Metro	1.72	688000.00	1	32
C	PECAN HILL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	39

C	PELICAN BAY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	52
C	PELICAN BAY	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	4017.98	1	21
C	PELICAN BAY	Supplemental wells	GW	0.01	1	Metro	1.72	3940000.00	1	29
C	PILOT POINT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	41
C	PILOT POINT	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	442.12	1	45
C	PILOT POINT	Supplemental wells	GW	0.01	1	Metro	1.72	4002000.00	1	29
C	PLANO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	74
C	PLANO	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	37
C	PONDER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	70
C	PONDER	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	29.94	3	65
C	PONDER	Supplemental wells	GW	0.01	1	Metro	1.72	1902000.00	1	58
C	POST OAK BEND CITY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	64
C	POTTSBORO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	8.74	3	64
C	POTTSBORO	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	37.88	3	16
C	POTTSBORO	Supplemental wells	GW	0.01	1	Metro	1.72	1125000.00	1	77
C	PRINCETON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	45
C	PROSPER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	67
C	PROSPER	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	3.63	3	32
C	PROSPER	Supplemental wells	GW	0.01	1	Metro	1.72	4583166.00	1	51
C	R-C-H WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	63
C	R-C-H WSC	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	48
C	R-C-H WSC	Purchase from water provider (3)	CT	0.01	2	Metro	1.72	5965.43	1	55
C	RED OAK	Conveyance project (2)	TOD	0.01	2	Metro	1.72	10405.19	1	47
C	RED OAK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	43

C	RED OAK	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	19
C	RED OAK	Supplemental wells	GW	0.01	1	Metro	1.72	1749000.00	1	74
C	RENO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	50
C	RENO	Supplemental wells	GW	0.01	1	Metro	1.72	2316000.00	1	43
C	RHOME	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	47
C	RHOME	Supplemental wells	GW	0.01	1	Metro	1.72	1182000.00	1	78
C	RICE WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	42
C	RICE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	47
C	RICHARDSON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.93	3	28
C	RICHARDSON	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	2.74	3	32
C	RICHLAND HILLS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	41
C	RICHLAND HILLS	Supplemental wells	GW	0.01	1	Metro	1.72	3381000.00	1	73
C	RIVER OAKS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	ROANOKE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	64
C	ROANOKE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	79
C	ROANOKE	Supplemental wells	GW	0.01	1	Metro	1.72	2164000.00	1	74
C	ROCKETT SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23
C	ROCKETT SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	16.08	3	51
C	ROCKETT SUD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	38460000.00	1	58
C	ROCKWALL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	24
C	ROCKWALL	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	45
C	ROWLETT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	ROWLETT	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	68

C	ROYSE CITY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	57
C	ROYSE CITY	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	29
C	RUNAWAY BAY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	23
C	RUNAWAY BAY	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	2735000.00	1	16
C	SABINE RIVER AUTHORITY	Toledo Bend project (Region I entities responsible for 20 percent of cost)	TRAN	0.01	5	Metro	1.72	2378.24	1	32
C	SACHSE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	8.52	3	61
C	SACHSE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	48
C	SAGINAW	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	42
C	SAGINAW	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	45
C	SAINT PAUL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	59
C	SANCTUARY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	73
C	SANGER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	37
C	SANGER	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	28
C	SANGER	Supplemental wells	GW	0.01	1	Metro	1.72	3360000.00	1	19
C	SANSOM PARK VILLAGE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	36
C	SANSOM PARK VILLAGE	Supplemental wells	GW	0.01	1	Metro	1.72	3456000.00	1	35
C	SARDIS-LONE ELM WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	56
C	SARDIS-LONE ELM WSC	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	19.69	3	43
C	SARDIS-LONE ELM WSC	Overdraft Trinity Aquifer - existing wells	GW	0.01	1	Metro	1.72	0.00	3	18
C	SARDIS-LONE ELM WSC	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	1012.08	1	60
C	SARDIS-LONE ELM WSC	Supplemental wells	GW	0.01	1	Metro	1.72	7278000.00	1	56

C	SAVOY	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	19
C	SAVOY	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1368000.00	1	72
C	SCURRY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	43
C	SEAGOVILLE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	33
C	SEVEN POINTS	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	27
C	SHADY SHORES	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	21
C	SHERMAN	Grayson County project	TD	0.01	2	Metro	1.72	2608.41	1	43
C	SHERMAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	6.95	3	20
C	SHERMAN	Municipal conservation - expanded	MC	0.01	4	Metro	1.72	0.00	3	48
C	SHERMAN	Supplemental wells	GW	0.01	1	Metro	1.72	33882000.00	1	50
C	SOUTH GRAYSON WSC	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	44
C	SOUTH GRAYSON WSC	Supplemental wells	GW	0.01	1	Metro	1.72	14471000.00	1	31
C	SOUTHLAKE	Conveyance project (2)	TOD	0.01	2	Metro	1.72	25409.70	1	26
C	SOUTHLAKE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	40
C	SOUTHLAKE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	72
C	SOUTHMAYD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	39
C	SOUTHMAYD	New wells - Woodbine Aquifer	GW	0.01	2	Metro	1.72	1220.00	1	38
C	SOUTHMAYD	Supplemental wells	GW	0.01	1	Metro	1.72	1519000.00	1	19
C	SOUTHWEST FANNIN COUNTY SUD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	37
C	SOUTHWEST FANNIN COUNTY SUD	Supplemental wells	GW	0.01	1	Non-Metro	1.72	9451000.00	1	75
C	SPRINGTOWN	Conveyance project (3)	TOD	0.01	3	Metro	1.72	2667.18	1	42
C	SPRINGTOWN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	39.36	3	31
C	SPRINGTOWN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	172.41	3	16
C	SPRINGTOWN	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	370.24	1	79
C	SPRINGTOWN	Supplemental wells	GW	0.01	1	Metro	1.72	1421000.00	1	59

C	SPRINGTOWN	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	4094000.00	1	66
C	SPRINGTOWN	Water treatment plant - new	TD	0.01	1	Metro	1.72	8188000.00	1	25
C	STEAM ELECTRIC POWER, DENTON	New wells - Trinity Aquifer	GW	0.01	1	Metro	1.72	597.50	1	31
C	STEAM ELECTRIC POWER, FANNIN	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1186000.00	1	35
C	STEAM ELECTRIC POWER, FREESTONE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	374000.00	1	40
C	STEAM ELECTRIC POWER, HENDERSON	Purchase from water provider (1)	CT	0.01	3	Non-Metro	1.72	1043.20	1	25
C	STEAM ELECTRIC POWER, PARKER	Conveyance project (3)	TOD	0.01	3	Metro	1.72	19990.48	1	31
C	STEAM ELECTRIC POWER, PARKER	Purchase from water provider (2)	CT	0.01	2	Metro	1.72	1049500.00	1	36
C	STEAM ELECTRIC POWER, TARRANT	Direct reuse	RU	0.01	3	Metro	1.72	1198.30	1	78
C	STEAM ELECTRIC POWER, WISE	Conveyance project (2)	TOD	0.01	1	Metro	1.72	4028000.00	1	71
C	SUNNYVALE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	78
C	SUNNYVALE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	77
C	TALTY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	71
C	TALTY	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	55
C	TARRANT REGIONAL WD	Marvin Nichols Reservoir	SW	0.01	3	Metro	1.72	2823.28	1	19
C	TARRANT REGIONAL WD	Oklahoma water to NTMWD, TRWD, UTRWD	TRAN	0.01	6	Metro	1.72	8966.64	1	68
C	TARRANT REGIONAL WD	Toledo Bend project (Region I entities responsible for 20 percent of cost)	TRAN	0.01	1	Metro	1.72	4964.76	1	50
C	TARRANT REGIONAL WD	TRWD third pipeline and reuse	RU	0.01	2	Metro	1.72	1733.51	1	73
C	TEAGUE	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	43
C	TEAGUE	New wells - Carrizo Wilcox Aquifer	GW	0.01	1	Non-Metro	1.72	902000.00	1	43
C	TEAGUE	Supplemental wells	GW	0.01	1	Non-Metro	1.72	2324000.00	1	58
C	TERRELL	Conveyance project (1)	TOD	0.01	1	Metro	1.72	32551000.00	1	29
C	TERRELL	Marvin Nichols Reservoir	SW	0.01	3	Metro	1.72	0.00	1	60
C	TERRELL	Municipal conservation - basic	MC	0.01	1	Metro	1.72	2.98	3	43
C	TERRELL	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	29

C	TERRELL	Toledo Bend project (Region I entities responsible for 20 percent of cost)	TRAN	0.01	5	Metro	1.72	0.00	1	34
C	THE COLONY	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	29
C	THE COLONY	Supplemental wells	GW	0.01	1	Metro	1.72	4218000.00	1	42
C	TIOGA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	64.11	3	31
C	TIOGA	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	131.58	3	28
C	TIOGA	Supplemental wells	GW	0.01	1	Metro	1.72	1830000.00	1	79
C	TOM BEAN	Municipal conservation - basic	MC	0.01	1	Metro	1.72	10.27	3	67
C	TOM BEAN	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	178.57	3	15
C	TOM BEAN	Supplemental wells	GW	0.01	1	Metro	1.72	1196000.00	1	43
C	TOOL	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	49
C	TRENTON	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	52
C	TRENTON	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	104.17	3	24
C	TRENTON	Supplemental wells	GW	0.01	1	Non-Metro	1.72	1226000.00	1	65
C	TRINIDAD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	34
C	TRINITY RIVER AUTHORITY	Conveyance project (1)	TOD	0.01	1	Metro	1.72	1662.43	1	65
C	TRINITY RIVER AUTHORITY	Indirect reuse	RU	0.01	2	Metro	1.72	0.00	1	76
C	TRINITY RIVER AUTHORITY	Purchase from water provider (1)	CT	0.01	1	Metro	1.72	1221.50	1	38
C	TRINITY RIVER AUTHORITY	TRA 10-Mile Creek reuse project	RU	0.01	3	Metro	1.72	550.85	1	42
C	TRINITY RIVER AUTHORITY	TRA Denton Creek wastewater treatment plant reuse	RU	0.01	1	Metro	1.72	9506000.00	1	69
C	TRINITY RIVER AUTHORITY	TRA Ellis County reuse	RU	0.01	6	Metro	1.72	4720.00	1	19
C	TRINITY RIVER AUTHORITY	TRA Freestone County reuse	RU	0.01	5	Non-Metro	1.72	1277.07	1	56
C	TRINITY RIVER AUTHORITY	TRA Kaufman County reuse	RU	0.01	2	Metro	1.72	1952.20	1	79
C	TRINITY RIVER AUTHORITY	TRA Las Colinas reuse	RU	0.01	2	Metro	1.72	415.14	1	32
C	TRINITY RIVER AUTHORITY	TRA Tarrant County project	RU	0.01	1	Metro	1.72	59008000.00	1	25
C	TROPHY CLUB	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	50

C	TROPHY CLUB	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	58
C	TROPHY CLUB	Supplemental wells	GW	0.01	1	Metro	1.72	2179000.00	1	43
C	TWO WAY SUD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	67
C	TWO WAY SUD	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	96.15	3	71
C	TWO WAY SUD	Supplemental wells	GW	0.01	1	Non-Metro	1.72	7387000.00	1	56
C	UNIVERSITY PARK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	59
C	UPPER TRINITY REGIONAL WD	Direct reuse	RU	0.01	3	Metro	1.72	1836.23	1	36
C	UPPER TRINITY REGIONAL WD	Facility improvements - reuse sources	FAC	0.01	1	Metro	1.72	590686000.00	1	31
C	UPPER TRINITY REGIONAL WD	Lake Ralph Hall - indirect reuse	RU	0.01	2	Metro	1.72	0.00	1	74
C	UPPER TRINITY REGIONAL WD	Lake Ralph Hall	SW	0.01	2	Metro	1.72	1682.24	1	23
C	UPPER TRINITY REGIONAL WD	Marvin Nichols Reservoir	SW	0.01	5	Metro	1.72	4086.91	1	28
C	UPPER TRINITY REGIONAL WD	Oklahoma water to NTMWD, TRWD, UTRWD	TRAN	0.01	6	Metro	1.72	6490.60	1	37
C	VALLEY VIEW	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	28
C	VALLEY VIEW	Supplemental wells	GW	0.01	1	Non-Metro	1.72	456000.00	1	38
C	VAN ALSTYNE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	35
C	VAN ALSTYNE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	75
C	VAN ALSTYNE	Supplemental wells	GW	0.01	1	Metro	1.72	4422000.00	1	27
C	VIRGINIA HILL WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	24
C	VIRGINIA HILL WSC	Supplemental wells	GW	0.01	1	Non-Metro	1.72	3096000.00	1	36
C	WALNUT CREEK SUD	Conveyance project (1)	TOD	0.01	1	Metro	1.72	10093000.00	1	57
C	WALNUT CREEK SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	34
C	WALNUT CREEK SUD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	19.92	3	53
C	WALNUT CREEK SUD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	50890000.00	1	69
C	WALNUT CREEK SUD	Water treatment plant - new	TD	0.01	1	Metro	1.72	11576000.00	1	25
C	WATAUGA	Conveyance project (2)	TOD	0.01	2	Metro	1.72	2516.09	1	62
C	WATAUGA	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	37

C	WAXAHACHIE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	40
C	WAXAHACHIE	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	23
C	WAXAHACHIE	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	38452000.00	1	31
C	WEATHERFORD	Facility improvements	FAC	0.01	1	Metro	1.72	545000.00	1	61
C	WEATHERFORD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	1.39	3	52
C	WEATHERFORD	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	7.81	3	24
C	WEATHERFORD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	36422000.00	1	62
C	WEST CEDAR CREEK MUD	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	74
C	WEST CEDAR CREEK MUD	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	28.74	3	52
C	WEST CEDAR CREEK MUD	Water treatment plant - expansion - reuse sources	TD	0.01	1	Non-Metro	1.72	28656000.00	1	36
C	WEST WISE RURAL SUD	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	60
C	WEST WISE RURAL SUD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	4094000.00	1	75
C	WEST WISE RURAL SUD	Water treatment plant - new	TD	0.01	1	Metro	1.72	4871000.00	1	25
C	WESTON	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	33
C	WESTON	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	10.92	3	30
C	WESTON	Purchase from water provider (3)	CT	0.01	2	Metro	1.72	4586.70	1	74
C	WESTON	Supplemental wells	GW	0.01	1	Metro	1.72	1168000.00	1	24
C	WESTOVER HILLS	Municipal conservation - basic	MC	0.01	1	Metro	1.72	194.33	3	45
C	WESTWORTH VILLAGE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	52
C	WHITE SETTLEMENT	Municipal conservation - basic	MC	0.01	1	Metro	1.72	29.59	3	38
C	WHITE SETTLEMENT	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	0.00	3	59
C	WHITE SETTLEMENT	Supplemental wells	GW	0.01	1	Metro	1.72	3969000.00	1	50

C	WHITESBORO	Municipal conservation - basic	MC	0.01	1	Metro	1.72	11.47	3	31
C	WHITESBORO	Municipal conservation - expanded	MC	0.01	2	Metro	1.72	0.00	3	68
C	WHITESBORO	Supplemental wells	GW	0.01	1	Metro	1.72	2708000.00	1	32
C	WHITEWRIGHT	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	61
C	WHITEWRIGHT	Municipal conservation - expanded	MC	0.01	1	Non-Metro	1.72	142.86	3	62
C	WHITEWRIGHT	Supplemental wells	GW	0.01	1	Non-Metro	1.72	6181000.00	1	28
C	WILLOW PARK	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	20
C	WILLOW PARK	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	100.00	3	66
C	WILLOW PARK	Purchase from water provider (1)	CT	0.01	2	Metro	1.72	1601.31	1	34
C	WILLOW PARK	Supplemental wells	GW	0.01	1	Metro	1.72	5633000.00	1	70
C	WILMER	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.00	3	59
C	WILMER	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	151.52	3	55
C	WILMER	Supplemental wells	GW	0.01	1	Metro	1.72	2977000.00	1	57
C	WISE COUNTY WSD	Water treatment plant - expansion	TD	0.01	1	Metro	1.72	14540000.00	1	17
C	WOODBINE WSC	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	56
C	WOODBINE WSC	Supplemental wells	GW	0.01	1	Non-Metro	1.72	3852000.00	1	26
C	WORTHAM	Municipal conservation - basic	MC	0.01	1	Non-Metro	1.72	0.00	3	69
C	WORTHAM	Purchase from water provider (1)	CT	0.01	2	Non-Metro	1.72	4325.33	1	16
C	WORTHAM	Water treatment plant - expansion	TD	0.01	1	Non-Metro	1.72	4662000.00	1	54
C	WYLIE	Municipal conservation - basic	MC	0.01	1	Metro	1.72	0.80	3	54
C	WYLIE	Municipal conservation - expanded	MC	0.01	1	Metro	1.72	6.27	3	67
D	ABLES SPRINGS WSC	New surface water contract	CT	0.08	5	Metro	0.17	0.00	1	31
D	BI-COUNTY WSC	New surface water contract	CT	0.08	2	Non-Metro	0.17	25.13	1	41
D	CAMPBELL WSC	Drill new well	GW	0.08	1	Metro	0.17	1243.31	1	43

D	CAMPBELL WSC	New surface water contract	CT	0.08	4	Metro	0.17	870.51	1	60
D	CANTON	Drill new well	GW	0.08	3	Non-Metro	0.17	1614.65	1	35
D	CASH SUD	New surface water contract	CT	0.08	5	Non-Metro	0.17	0.00	1	77
D	CELESTE	New surface water contract	CT	0.08	6	Metro	0.17	27638.16	1	15
D	CENTRAL BOWIE WSC	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	44
D	CLARKSVILLE CITY	Drill new well	GW	0.08	1	Metro	0.17	1391.50	1	55
D	COMBINED CONSUMERS WSC	New surface water contract	CT	0.08	5	Metro	0.17	0.00	1	24
D	COUNTY-OTHER, BOWIE	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	31
D	COUNTY-OTHER, CAMP	Drill new well	GW	0.08	1	Non-Metro	0.17	2602.22	1	21
D	COUNTY-OTHER, DELTA	New surface water contract	CT	0.08	3	Non-Metro	0.17	3125.16	1	72
D	COUNTY-OTHER, GREGG	Drill new well	GW	0.08	4	Metro	0.17	975.80	1	28
D	COUNTY-OTHER, GREGG	Increase existing contract	CT	0.08	4	Metro	0.17	0.00	1	57
D	COUNTY-OTHER, HARRISON	Drill new well	GW	0.08	1	Non-Metro	0.17	1253.50	1	29
D	COUNTY-OTHER, HOPKINS	Drill new well	GW	0.08	3	Non-Metro	0.17	4467.90	1	62
D	COUNTY-OTHER, HUNT	Drill new well	GW	0.08	1	Metro	0.17	2399.70	1	57
D	COUNTY-OTHER, HUNT	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	63
D	COUNTY-OTHER, HUNT	New surface water contract	CT	0.08	1	Metro	0.17	325.98	1	47
D	COUNTY-OTHER, LAMAR	New surface water contract	CT	0.08	1	Non-Metro	0.17	517.08	1	17
D	COUNTY-OTHER, RAINS	Increase existing contract	CT	0.08	1	Non-Metro	0.17	0.00	1	54
D	COUNTY-OTHER, SMITH	Drill new well	GW	0.08	4	Metro	0.17	1275.29	1	40
D	COUNTY-OTHER, VAN ZANDT	Drill new well	GW	0.08	1	Non-Metro	0.17	2588.81	1	33
D	CRYSTAL SYSTEMS INC	Drill new well	GW	0.08	4	Metro	0.17	1286.05	1	63
D	GRAND SALINE	Drill new well	GW	0.08	2	Non-Metro	0.17	775.13	1	61
D	HICKORY CREEK SUD	Drill new well	GW	0.08	4	Metro	0.17	2912.29	1	76
D	HOOKS	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	40
D	LIBERTY CITY WSC	Drill new well	GW	0.08	4	Metro	0.17	2334.10	1	43
D	LINDALE RURAL WSC	Drill new well	GW	0.08	5	Metro	0.17	960.92	1	80
D	LINDALE	Drill new well	GW	0.08	5	Metro	0.17	890.17	1	68
D	MACEDONIA-EYLAU MUD #1	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	52
D	MINEOLA	Drill new well	GW	0.08	1	Non-Metro	0.17	129.84	1	37
D	NEW BOSTON	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	46
D	NORTH HUNT WSC	Increase existing contract	CT	0.08	1	Non-Metro	0.17	0.00	1	70
D	R P M WSC	Drill new well	GW	0.08	6	Non-Metro	0.17	6909.76	1	63
D	REDWATER	Increase existing contract	CT	0.08	2	Metro	0.17	0.00	1	24
D	STEAM ELECTRIC POWER, HARRISON	Increase existing contract	CT	0.08	4	Non-Metro	0.17	0.00	1	57
D	STEAM ELECTRIC POWER, HUNT	New surface water contract	CT	0.08	1	Metro	0.17	0.00	1	26

D	STEAM ELECTRIC POWER, LAMAR	Increase existing contract	CT	0.08	3	Non-Metro	0.17	0.00	1	52
D	STEAM ELECTRIC POWER, TITUS	Increase existing contract	CT	0.08	4	Non-Metro	0.17	0.00	1	57
D	VAN	Drill new well	GW	0.08	5	Non-Metro	0.17	2100.61	1	44
D	WAKE VILLAGE	Increase existing contract	CT	0.08	1	Metro	0.17	0.00	1	24
D	WASKOM	Drill new well	GW	0.08	1	Non-Metro	0.17	708.04	1	21
D	WEST GREGG WSC	Drill new well	GW	0.08	3	Metro	0.17	3020.66	1	47
D	WINONA	Increase existing contract	CT	0.08	6	Metro	0.17	0.00	1	61
D	WOLFE CITY	New surface water contract	CT	0.08	3	Metro	0.17	12439.80	1	34
E	COUNTY-OTHER, EL PASO	Purchase water from EPWU	CT	0.15	2	Metro	-1.68	0.00	3	31
E	EL PASO	Integrated water management strategy - conjunctive use with additional surface water	CU	0.15	4	Metro	-1.68	0.00	3	76
E	EL PASO	Integrated water management strategy - conjunctive use with additional surface water	CU	0.15	2	Metro	-1.68	2026.56	3	71
E	EL PASO	Integrated water management strategy - conservation	GC	0.15	2	Metro	-1.68	0.00	5	79
E	EL PASO	Integrated water management strategy - desalination of agricultural drain water	DS	0.15	2	Metro	-1.68	1235.19	1	59
E	EL PASO	Integrated water management strategy - direct reuse	RU	0.15	2	Metro	-1.68	1052.38	1	54
E	EL PASO	Integrated water management strategy - import from Dell Valley	TRAN	0.15	5	Metro	-1.68	7137.10	1	22
E	EL PASO	Integrated water management strategy - import from Diablo Farms	TRAN	0.15	4	Metro	-1.68	8183.53	1	42

E	EL PASO	Integrated water management strategy - recharge of groundwater with treated surface water	GW	0.15	2	Metro	-1.68	585.00	3	25
E	FORT BLISS	Purchase water from EPWU	CT	0.15	1	Metro	-1.68	0.00	3	53
E	HORIZON REGIONAL MUD	Additional wells and desalination plant expansions	DS	0.15	2	Metro	-1.68	1452.42	3	55
E	IRRIGATION, EL PASO	Irrigation scheduling	IC	0.15	2	Metro	-1.68	0.00	3	76
E	IRRIGATION, EL PASO	Tailwater reuse	RU	0.15	2	Metro	-1.68	0.00	3	46
E	IRRIGATION, EL PASO	Water district delivery systems	TD	0.15	2	Metro	-1.68	1181.09	3	69
E	IRRIGATION, HUDSPETH	Irrigation scheduling	IC	0.15	2	Metro	-1.68	0.00	3	31
E	IRRIGATION, HUDSPETH	Tailwater reuse	RU	0.15	2	Metro	-1.68	0.00	3	24
E	MANUFACTURING , EL PASO	Purchase water from EPWU	CT	0.15	2	Metro	-1.68	0.00	3	50
E	MARFA	Additional one well	GW	0.15	2	Non-Metro	-1.68	281.11	1	75
E	SAN ELIZARIO	Purchase water from LVWD	CT	0.15	2	Metro	-1.68	0.00	3	27
E	SOCORRO	Purchase water from LVWD	CT	0.15	2	Metro	-1.68	0.00	3	76
E	STEAM ELECTRIC POWER, EL PASO	Purchase water from EPWU	CT	0.15	2	Metro	-1.68	0.00	3	72
E	TORNILLO WCID	Additional wells	GW	0.15	2	Metro	-1.68	719.12	1	52
E	TORNILLO WCID	Arsenic treatment facility	TD	0.15	2	Metro	-1.68	1446.54	1	37
E	VINTON	Purchase water from EPWU	CT	0.15	2	Metro	-1.68	0.00	3	41
F	ANDREWS	Desalination	DS	0.30	2	Non-Metro	2.23	1414.11	3	18
F	ANDREWS	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	29
F	BALLINGER	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	41
F	BALLINGER	New/renew water supply	WR	0.30	5	Non-Metro	2.23	0.00	1	55
F	BALLINGER	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	33
F	BIG SPRING	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	62
F	BRADY	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	37
F	BRADY	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	26
F	BRONTE VILLAGE	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	66
F	BRONTE VILLAGE	Rehabilitation of pipeline	TD	0.30	1	Non-Metro	2.23	1364900.00	3	61
F	BRONTE VILLAGE	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	62
F	COLEMAN COUNTY WSC	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	15
F	COLEMAN	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	74
F	COLEMAN	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	41
F	COLORADO CITY	Develop Dockum Aquifer supplies	GW	0.30	2	Non-Metro	2.23	1623.18	3	29
F	COLORADO RIVER MWD	Desalination	DS	0.30	4	Metro	2.23	4617.68	3	40

F	COLORADO RIVER MWD	Develop Cenozoic Aquifer supplies	GW	0.30	3	Metro	2.23	3177.83	1	75
F	COLORADO RIVER MWD	New/renew water supply	WR	0.30	2	Metro	2.23	344.77	2	18
F	COLORADO RIVER MWD	Replacement well	GW	0.30	1	Metro	2.23	10440000.00	1	59
F	COLORADO RIVER MWD	Reuse	RU	0.30	2	Metro	2.23	2079.94	1	38
F	COLORADO RIVER MWD	Subordination	SUB	0.30	1	Metro	2.23	0.00	3	72
F	COUNTY-OTHER, COLEMAN	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	76
F	COUNTY-OTHER, KIMBLE	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	41
F	COUNTY-OTHER, MCCULLOCH	Bottled water program	TD	0.30	1	Non-Metro	2.23	0.00	1	59
F	COUNTY-OTHER, MENARD	Develop Hickory Aquifer supplies	GW	0.30	1	Non-Metro	2.23	0.00	2	46
F	COUNTY-OTHER, RUNNELS	New/renew water supply	WR	0.30	5	Non-Metro	2.23	0.00	1	34
F	COUNTY-OTHER, RUNNELS	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	75
F	EDEN	Advanced treatment	TD	0.30	1	Non-Metro	2.23	2582000.00	1	76
F	EDEN	Replacement well	GW	0.30	1	Non-Metro	2.23	1800000.00	1	34
F	IRRIGATION, ANDREWS	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	196.48	3	15
F	IRRIGATION, BORDEN	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	231.01	3	50
F	IRRIGATION, BROWN	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	65.93	3	66
F	IRRIGATION, COLEMAN	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	29
F	IRRIGATION, CONCHO	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	281.55	3	35
F	IRRIGATION, ECTOR	Irrigation conservation	IC	0.30	2	Metro	2.23	138.18	3	32
F	IRRIGATION, GLASSCOCK	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	349.54	3	56
F	IRRIGATION, HOWARD	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	220.36	3	18
F	IRRIGATION, IRION	Irrigation conservation	IC	0.30	2	Metro	2.23	64.25	3	36
F	IRRIGATION, IRION	Weather Modification	WTHR	0.30	1	Metro	2.23	0.00	3	19
F	IRRIGATION, KIMBLE	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	213.98	3	68
F	IRRIGATION, MARTIN	Irrigation conservation	IC	0.30	2	Metro	2.23	253.93	3	43
F	IRRIGATION, MASON	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	106.33	3	57
F	IRRIGATION, MCCULLOCH	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	94.10	3	62
F	IRRIGATION, MENARD	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	77.43	3	57
F	IRRIGATION, MIDLAND	Irrigation conservation	IC	0.30	2	Metro	2.23	195.65	3	30
F	IRRIGATION, MITCHELL	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	327.47	3	56
F	IRRIGATION, MITCHELL	Weather Modification	WTHR	0.30	1	Non-Metro	2.23	0.00	3	76
F	IRRIGATION, PECOS	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	146.90	3	62
F	IRRIGATION, REAGAN	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	354.33	3	66
F	IRRIGATION, REEVES	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	157.46	3	24
F	IRRIGATION, SCHLEICHER	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	183.78	3	65

F	IRRIGATION, SCURRY	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	250.93	3	25
F	IRRIGATION, STERLING	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	64.49	3	70
F	IRRIGATION, SUTTON	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	152.54	3	78
F	IRRIGATION, TOM GREEN	Irrigation conservation	IC	0.30	2	Metro	2.23	194.75	3	77
F	IRRIGATION, UPTON	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	355.57	3	16
F	IRRIGATION, WARD	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	61.96	3	71
F	IRRIGATION, WARD	Weather Modification	WTHR	0.30	1	Non-Metro	2.23	0.00	3	23
F	IRRIGATION, WINKLER	Irrigation conservation	IC	0.30	2	Non-Metro	2.23	112.45	3	33
F	JUNCTION	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	17
F	MANUFACTURING , COLEMAN	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	42
F	MANUFACTURING , KIMBLE	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	61
F	MANUFACTURING , RUNNELS	New/renew water supply	WR	0.30	5	Non-Metro	2.23	0.00	1	73
F	MANUFACTURING , RUNNELS	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	35
F	MENARD	Develop Hickory Aquifer supplies	GW	0.30	1	Non-Metro	2.23	2002.38	2	52
F	MENARD	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	50
F	MIDLAND	Develop Cenozoic Aquifer supplies	GW	0.30	3	Metro	2.23	3097.56	1	71
F	MIDLAND	Municipal conservation	MC	0.30	1	Metro	2.23	0.00	3	71
F	MIDLAND	New/renew water supply	WR	0.30	3	Metro	2.23	0.00	1	68
F	MILLERSVIEW-DOOLE WSC	New/renew water supply	WR	0.30	5	Non-Metro	2.23	0.00	1	56
F	MINING, COLEMAN	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	23
F	ODESSA	Municipal conservation	MC	0.30	1	Metro	2.23	0.00	3	69
F	RICHLAND SUD	Bottled water program	TD	0.30	1	Non-Metro	2.23	500.00	1	75
F	RICHLAND SUD	Develop Ellenburger Aquifer supplies	GW	0.30	2	Non-Metro	2.23	5148.00	1	15
F	RICHLAND SUD	Replacement well	GW	0.30	1	Non-Metro	2.23	1701000.00	1	78
F	ROBERT LEE	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	33
F	ROBERT LEE	New water treatment plant and storage facilities	TD	0.30	1	Non-Metro	2.23	2436000.00	1	20
F	SAN ANGELO	Brush control	BC	0.30	1	Metro	2.23	458.82	4	44
F	SAN ANGELO	Desalination	DS	0.30	4	Metro	2.23	4490.48	1	79
F	SAN ANGELO	Develop Hickory Aquifer supplies	GW	0.30	2	Metro	2.23	3288.56	1	38
F	SAN ANGELO	Municipal conservation	MC	0.30	1	Metro	2.23	0.00	3	35
F	SAN ANGELO	Rehabilitation of pipeline	TD	0.30	3	Metro	2.23	680.93	1	36
F	SAN ANGELO	Subordination	SUB	0.30	1	Metro	2.23	0.00	3	28
F	SNYDER	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	41

F	STANTON	New/renew water supply	WR	0.30	1	Metro	2.23	0.00	1	57
F	STEAM ELECTRIC POWER, COKE	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	37
F	STEAM ELECTRIC POWER, MITCHELL	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	58
F	UNIVERSITY LANDS	New/renew water supply	WR	0.30	4	Metro	2.23	0.00	1	42
F	UPPER COLORADO RIVER AUTHORITY	Subordination	SUB	0.30	1	Metro	2.23	0.00	3	37
F	WINTERS	Municipal conservation	MC	0.30	1	Non-Metro	2.23	0.00	3	30
F	WINTERS	Reuse	RU	0.30	4	Non-Metro	2.23	6539.39	1	24
F	WINTERS	Subordination	SUB	0.30	1	Non-Metro	2.23	0.00	3	70
G	ABILENE	Cedar Ridge Reservoir	SW	0.11	2	Metro	4.56	2439.81	1	19
G	ABILENE	Increase treatment capacity	TD	0.11	2	Metro	4.56	758.52	1	28
G	ABILENE	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	30
G	ABILENE	Wastewater reuse	RU	0.11	1	Metro	4.56	0.00	1	43
G	ALBANY	Increase treatment capacity	TD	0.11	1	Non-Metro	4.56	678.57	1	75
G	ALBANY	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	78
G	ALVARADO	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	1	Metro	4.56	0.00	1	77
G	AQUA WSC	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	2	Non-Metro	4.56	676.92	1	17
G	BAIRD	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	48
G	BARTLETT	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1076.26	1	70
G	BARTLETT	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	62
G	BELL COUNTY WCID #1	Reallocation of source	REL	0.11	1	Metro	4.56	0.00	1	49
G	BELL COUNTY WCID #1	Wastewater reuse	RU	0.11	1	Metro	4.56	1142.47	1	66
G	BELL-MILAM FALLS WSC	Voluntary redistribution	REL	0.11	1	Metro	4.56	0.00	1	19
G	BELLMEAD	Wastewater reuse	RU	0.11	1	Metro	4.56	480.82	1	58
G	BISTONE MWSD	Limestone County Carrizo-Wilcox Aquifer development	GW	0.11	1	Non-Metro	4.56	956.37	1	20
G	BISTONE MWSD	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	55
G	BRAZOS RIVER AUTHORITY	Belton to Stillhouse pipeline	TD	0.11	2	Metro	4.56	240.25	1	38

G	BRAZOS RIVER AUTHORITY	Coryell County Reservoir (BRA System)	SW	0.11	2	Metro	4.56	2228.17	1	30
G	BRAZOS RIVER AUTHORITY	Groundwater/ surface water conjunctive use (Lake Granger Augmentation)	CU	0.11	1	Metro	4.56	2416.84	1	53
G	BRAZOS RIVER AUTHORITY	Stonewall, Kent, and Garza chloride control project	TD	0.11	1	Metro	4.56	163226000.00	1	55
G	BRAZOS RIVER AUTHORITY	Storage reallocation of federal reservoirs - Lake Aquilla	SW	0.11	4	Metro	4.56	1861.30	1	51
G	BRUSHY CREEK MUD	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	35
G	BRUSHY CREEK MUD	Rehabilitate existing wells	GW	0.11	2	Metro	4.56	63.64	1	45
G	BRYAN	Municipal water conservation	MC	0.11	5	Metro	4.56	0.00	3	48
G	BRYAN	Wastewater reuse	RU	0.11	5	Metro	4.56	5359.50	1	42
G	CEDAR PARK	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	27
G	CEDAR PARK	Regional surface waters supply to Williamson County from Lake Travis	TRAN	0.11	2	Metro	4.56	980.32	1	73
G	CENTRAL TEXAS WSC	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1075.07	1	49
G	CHALK BLUFF WSC	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	4	Metro	4.56	3923.19	1	39
G	CHISHOLM TRAIL SUD	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	78
G	CHISHOLM TRAIL SUD	Regional surface waters supply to Williamson County from Lake Travis	TRAN	0.11	5	Metro	4.56	2026.89	1	47
G	CLEBURNE	Future phases of Lake Whitney water supply project	SW	0.11	2	Metro	4.56	2927.71	1	77
G	CLEBURNE	Increase treatment capacity	TD	0.11	2	Metro	4.56	996.50	1	24
G	CLEBURNE	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	56
G	CLEBURNE	New West Loop reuse line	RU	0.11	1	Metro	4.56	1346.94	1	52
G	CLEBURNE	Phase I Lake Whitney water supply project	SW	0.11	1	Metro	4.56	3246.63	1	53
G	CLEBURNE	Wastewater reuse	RU	0.11	1	Metro	4.56	1035.32	1	18

G	COLLEGE STATION	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	4	Metro	4.56	1115.12	1	69
G	COLLEGE STATION	BRA system operations permit	WR	0.11	4	Metro	4.56	3193.87	1	49
G	COLLEGE STATION	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	68
G	COLLEGE STATION	Wastewater reuse	RU	0.11	4	Metro	4.56	4896.37	1	15
G	COUNTY-OTHER, CORYELL	Coryell County Reservoir (BRA System)	SW	0.11	3	Metro	4.56	1054.80	1	46
G	COUNTY-OTHER, EASTLAND	Voluntary redistribution	REL	0.11	1	Non-Metro	4.56	0.00	1	36
G	COUNTY-OTHER, SHACKELFORD	Midway pipeline project (West Central Brazos distribution system)	TD	0.11	1	Non-Metro	4.56	2673.93	1	74
G	COUNTY-OTHER, SOMERVELL	Somervell County water supply project (phases 1-4)	TD	0.11	1	Metro	4.56	5984.60	1	74
G	COUNTY-OTHER, SOMERVELL	Somervell County water supply project (phases 5-13)	TD	0.11	3	Metro	4.56	19420.12	1	52
G	COUNTY-OTHER, WILLIAMSON	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	4	Metro	4.56	2375.00	1	63
G	COUNTY-OTHER, WILLIAMSON	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	4	Metro	4.56	2134.96	1	52
G	CROSS COUNTRY WSC	Interconnection of City of Waco system with neighboring communities	TD	0.11	4	Non-Metro	4.56	3548.55	1	46
G	FILES VALLEY WSC	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	28
G	FLORENCE	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	1	Metro	4.56	853.00	1	70
G	FLORENCE	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	78
G	FORT BELKNAPP WSC	Voluntary redistribution	REL	0.11	1	Non-Metro	4.56	0.00	1	47
G	GATESVILLE	Coryell County Reservoir (BRA System)	SW	0.11	3	Metro	4.56	1088.36	1	46
G	GATESVILLE	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	64
G	GEORGETOWN	Increase treatment capacity	TD	0.11	4	Metro	4.56	1600.87	1	16

G	GEORGETOWN	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	32
G	GLEN ROSE	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	69
G	GLEN ROSE	Somervell County water supply project (phases 1-4)	TD	0.11	1	Metro	4.56	5867.25	1	22
G	GLEN ROSE	Somervell County water supply project (phases 5-13)	TD	0.11	3	Metro	4.56	19270.73	1	26
G	GODLEY	BRA surface water and treatment system expansion	TD	0.11	1	Metro	4.56	2956.00	1	47
G	GRANBURY	Increase treatment capacity	TD	0.11	1	Metro	4.56	998.53	1	64
G	GRANBURY	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	48
G	GRANGER	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	2	Metro	4.56	1281.57	1	52
G	GROESBECK	City of Groesbeck off-channel reservoir	SW	0.11	5	Non-Metro	4.56	2966.38	1	24
G	HALLSBURG	Interconnection of City of Waco system with neighboring communities	TD	0.11	1	Metro	4.56	3496.60	1	54
G	HALLSBURG	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	48
G	HASKELL	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	27
G	HEWITT	Wastewater reuse	RU	0.11	1	Metro	4.56	2101.63	1	52
G	HUTTO	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1072.09	1	61
G	IRRIGATION, EASTLAND	Irrigation water conservation	IC	0.11	1	Non-Metro	4.56	0.00	1	51
G	IRRIGATION, HASKELL	Aquifer storage and recovery (Brazos River to Seymour Aquifer)	ASR	0.11	1	Non-Metro	4.56	1036.97	1	50
G	IRRIGATION, HASKELL	Irrigation water conservation	IC	0.11	1	Non-Metro	4.56	0.00	1	58
G	IRRIGATION, KNOX	Aquifer storage and recovery (Brazos River to Seymour Aquifer)	ASR	0.11	1	Non-Metro	4.56	1036.97	1	53
G	IRRIGATION, KNOX	Irrigation water conservation	IC	0.11	1	Non-Metro	4.56	0.00	1	77
G	IRRIGATION, NOLAN	Irrigation water conservation	IC	0.11	1	Non-Metro	4.56	0.00	1	70
G	IRRIGATION, SHACKELFORD	Irrigation water conservation	IC	0.11	1	Non-Metro	4.56	0.00	1	67

G	IRRIGATION, THROCKMORTON	Run-of-River Water Right for Unappropriated Flows	SW	0.11	1	Non-Metro	4.56	0.00	1	50
G	JARRELL-SCHWERTNER WSC	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	2	Metro	4.56	1282.95	1	34
G	JARRELL-SCHWERTNER WSC	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	66
G	JARRELL	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1058.83	1	54
G	JAYTON	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	62
G	JAYTON	New water treatment plant	TD	0.11	1	Non-Metro	4.56	2620.54	1	34
G	JOHNSON COUNTY SUD	BRA surface water and treatment system expansion	TD	0.11	2	Non-Metro	4.56	2102.21	1	70
G	JOHNSON COUNTY SUD	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	71
G	KEENE	BRA system operations permit	WR	0.11	6	Metro	4.56	19503.18	1	42
G	KEMPNER WSC	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	21
G	KEMPNER WSC	Voluntary redistribution	REL	0.11	5	Metro	4.56	0.00	1	32
G	KNOX CITY	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	73
G	KOSSE	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	1	Non-Metro	4.56	3976.67	1	21
G	LACY-LAKEVIEW	Interconnection of City of Waco system with neighboring communities	TD	0.11	4	Metro	4.56	0.00	1	28
G	LACY-LAKEVIEW	Wastewater reuse	RU	0.11	1	Metro	4.56	480.82	1	24
G	LEANDER	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	27
G	LEANDER	Regional surface waters supply to Williamson County from Lake Travis	TRAN	0.11	3	Metro	4.56	6007.49	1	40
G	LEE COUNTY WSC	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	1	Non-Metro	4.56	447.89	1	63
G	LIBERTY HILL	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	80

G	LIBERTY HILL	Regional surface waters supply to Williamson County from Lake Travis	TRAN	0.11	1	Metro	4.56	0.00	1	54
G	LIBERTY HILL	Voluntary redistribution	REL	0.11	3	Metro	4.56	0.00	1	41
G	LIPAN	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	3	Metro	4.56	5960.84	1	27
G	LIPAN	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	53
G	LITTLE RIVER-ACADEMY	Voluntary redistribution	REL	0.11	1	Metro	4.56	0.00	1	76
G	LORENA	Wastewater reuse	RU	0.11	1	Metro	4.56	2101.63	1	32
G	MANUFACTURING, JOHNSON	Manufacturing water conservation	IND	0.11	1	Metro	4.56	0.00	1	64
G	MANUFACTURING, JOHNSON	Voluntary redistribution	REL	0.11	1	Metro	4.56	0.00	1	63
G	MANUFACTURING, LAMPASAS	Manufacturing water conservation	IND	0.11	1	Metro	4.56	0.00	1	66
G	MANUFACTURING, LAMPASAS	Voluntary redistribution	REL	0.11	1	Metro	4.56	980.81	1	60
G	MANUFACTURING, LIMESTONE	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	1	Non-Metro	4.56	771.11	1	53
G	MANUFACTURING, LIMESTONE	Manufacturing water conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	64
G	MANUFACTURING, MCLENNAN	Wastewater reuse	RU	0.11	1	Metro	4.56	265.67	1	23
G	MANUFACTURING, NOLAN	Manufacturing water conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	79
G	MANUFACTURING, WILLIAMSON	Manufacturing water conservation	IND	0.11	1	Metro	4.56	0.00	1	47
G	MANUFACTURING, WILLIAMSON	Voluntary redistribution	REL	0.11	1	Metro	4.56	0.00	1	60
G	MARLIN	Brushy Creek Reservoir	SW	0.11	1	Metro	4.56	1479.51	1	68
G	MARLIN	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	40
G	MART	Interconnection of City of Waco system with neighboring communities	TD	0.11	1	Metro	4.56	3866.67	1	29
G	MINERAL WELLS	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	69
G	MINING, MILAM	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	1	Non-Metro	4.56	2383.33	1	32

G	MINING, NOLAN	Additional Edwards-Trinity (Plateau) Aquifer development (includes overdrafting)	GW	0.11	1	Non-Metro	4.56	992.69	1	79
G	MINING, NOLAN	Mining water conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	63
G	MINING, STEPHENS	Mining water conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	41
G	MINING, STEPHENS	Voluntary redistribution	REL	0.11	1	Non-Metro	4.56	0.00	1	50
G	MINING, WILLIAMSON	Mining water conservation	IND	0.11	1	Metro	4.56	0.00	1	49
G	MORGANS POINT RESORT	Voluntary redistribution	REL	0.11	1	Metro	4.56	0.00	1	16
G	MUNDAY	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	41
G	NORTH BOSQUE WSC	Interconnection of City of Waco system with neighboring communities	TD	0.11	4	Metro	4.56	3080.76	1	75
G	NORTH BOSQUE WSC	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	22
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	SW	0.11	1	Non-Metro	4.56	445.04	1	35
G	PALO PINTO MWD #1	New water treatment plant	TD	0.11	2	Non-Metro	4.56	852.90	1	71
G	PALO PINTO MWD #1	Turkey Peak Reservoir	SW	0.11	2	Non-Metro	4.56	1321.76	1	45
G	PARKER WSC	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	5	Non-Metro	4.56	6390.63	1	43
G	RIESEL	Interconnection of City of Waco system with neighboring communities	TD	0.11	1	Metro	4.56	5815.79	1	79
G	RISING STAR	Voluntary redistribution	REL	0.11	1	Non-Metro	4.56	291.11	1	47
G	ROBINSON	Increase treatment capacity	TD	0.11	5	Metro	4.56	2033.04	1	29
G	ROUND ROCK	Groundwater/ surface water conjunctive use (Lake Granger Augmentation)	CU	0.11	4	Metro	4.56	2286.79	1	19
G	ROUND ROCK	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	79
G	ROUND ROCK	Regional surface waters supply to Williamson County from Lake Travis	TRAN	0.11	2	Metro	4.56	1407.34	1	66
G	ROUND ROCK	Wastewater reuse	RU	0.11	1	Metro	4.56	236.55	1	54
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	1	Metro	4.56	847.53	1	50

G	STAMFORD	Increase treatment capacity	TD	0.11	1	Non-Metro	4.56	677.68	1	49
G	STEAM ELECTRIC POWER, BELL	Wastewater reuse	RU	0.11	2	Non-Metro	4.56	414.04	1	73
G	STEAM ELECTRIC POWER, BOSQUE	BRA system operations permit	WR	0.11	3	Non-Metro	4.56	1183.69	1	41
G	STEAM ELECTRIC POWER, BOSQUE	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	37
G	STEAM ELECTRIC POWER, GRIMES	Additional Gulf Coast Aquifer development	GW	0.11	4	Non-Metro	4.56	1882.74	1	30
G	STEAM ELECTRIC POWER, GRIMES	Raise level of Gibbons Creek Reservoir	SW	0.11	2	Non-Metro	4.56	627.42	1	50
G	STEAM ELECTRIC POWER, GRIMES	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	68
G	STEAM ELECTRIC POWER, GRIMES	Wastewater reuse	RU	0.11	2	Non-Metro	4.56	611.76	1	74
G	STEAM ELECTRIC POWER, JOHNSON	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	17
G	STEAM ELECTRIC POWER, LIMESTONE	Reallocation of source	REL	0.11	4	Non-Metro	4.56	0.00	1	38
G	STEAM ELECTRIC POWER, LIMESTONE	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	74
G	STEAM ELECTRIC POWER, MILAM	Additional Carrizo Aquifer development (includes overdrafting)	GW	0.11	5	Non-Metro	4.56	979.54	1	52
G	STEAM ELECTRIC POWER, MILAM	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	64
G	STEAM ELECTRIC POWER, NOLAN	Voluntary redistribution	REL	0.11	2	Non-Metro	4.56	1004.81	1	71
G	STEAM ELECTRIC POWER, ROBERTSON	Steam-electric conservation	IND	0.11	1	Non-Metro	4.56	0.00	1	27
G	STEAM ELECTRIC POWER, ROBERTSON	Wastewater reuse	RU	0.11	4	Non-Metro	4.56	756.15	1	51
G	STEAM ELECTRIC POWER, SOMERVELL	BRA system operations permit	WR	0.11	2	Non-Metro	4.56	356.71	1	79
G	STEAM ELECTRIC POWER, SOMERVELL	Reallocation of source	REL	0.11	2	Non-Metro	4.56	0.00	1	76
G	STEAM ELECTRIC POWER, SOMERVELL	Somervell County water supply project (phases 1-4)	TD	0.11	1	Non-Metro	4.56	5984.60	1	15
G	STEAM ELECTRIC POWER, SOMERVELL	Somervell County water supply project (phases 5-13)	TD	0.11	3	Non-Metro	4.56	19162.12	1	63
G	STEPHENS COUNTY RURAL WSC	Midway pipeline project (West Central Brazos distribution system)	TD	0.11	1	Non-Metro	4.56	2673.93	1	38
G	STRAWN	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	72
G	STRAWN	Voluntary redistribution	REL	0.11	4	Non-Metro	4.56	8596.67	1	79

G	SWEETWATER	Conjunctive management of Champion well field and Oak Creek Reservoir with subordination agreement	CU	0.11	1	Non-Metro	4.56	0.00	1	69
G	SWEETWATER	Expansion of Champion well field	GW	0.11	1	Non-Metro	4.56	2502.50	2	54
G	SWEETWATER	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	32
G	SWEETWATER	Oak Creek Reservoir with subordination agreement	SW	0.11	1	Non-Metro	4.56	0.00	1	76
G	TEMPLE	Increase treatment capacity	TD	0.11	1	Metro	4.56	585.08	1	54
G	THRALL	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1067.98	1	80
G	THROCKMORTON	Midway pipeline project (West Central Brazos distribution system)	TD	0.11	1	Non-Metro	4.56	2673.93	1	76
G	THROCKMORTON	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	23
G	TOLAR	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	3	Metro	4.56	2857.78	1	74
G	TOLAR	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	70
G	VALLEY MILLS	Bosque County regional project	TD	0.11	3	Non-Metro	4.56	6776.32	1	31
G	VALLEY MILLS	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	49
G	WACO	Wastewater reuse	RU	0.11	1	Metro	4.56	0.00	1	55
G	WEIR	BRA supply through the East Williamson County Regional Water Treatment System	TD	0.11	1	Metro	4.56	1066.26	1	22
G	WEIR	Municipal water conservation	MC	0.11	1	Metro	4.56	0.00	3	34
G	WEST BRAZOS WSC	Interconnection of City of Waco system with neighboring communities	TD	0.11	1	Metro	4.56	0.00	1	61
G	WEST CENTRAL TEXAS MWD	Restructure contract	CT	0.11	1	Non-Metro	4.56	0.00	1	18
G	WESTERN HILLS WS	Additional Trinity Aquifer development (includes overdrafting)	GW	0.11	4	Metro	4.56	1806.40	1	54

G	WHITE BLUFF COMMUNITY WS	BRA system operations permit	WR	0.11	1	Non-Metro	4.56	2576.94	1	38
G	WHITE BLUFF COMMUNITY WS	Municipal water conservation	MC	0.11	1	Non-Metro	4.56	0.00	3	73
G	WICKSON CREEK SUD	Purchase water from City of Bryan	CT	0.11	1	Metro	4.56	133.44	1	15
G	WOODROW-OSCEOLA WSC	BRA system operations permit	WR	0.11	1	Non-Metro	4.56	8034.44	1	78
H	ALVIN	Contract with GCWA	CT	0.11	3	Metro	3.31	5072.16	2	25
H	ALVIN	Municipal conservation - large water user group	MC	0.11	2	Metro	3.31	0.00	3	38
H	AMES	Expanded use of groundwater	GW	0.11	2	Metro	3.31	829.56	2	53
H	AMES	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	43
H	ANGLETON	Contract with Brazosport Water Authority	CT	0.11	1	Metro	3.31	591.30	2	64
H	ANGLETON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	576.94	2	38
H	ANGLETON	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	ARCOLA	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	35
H	ARCOLA	NFBWA Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	667.59	3	66
H	BACLIFF MUD	Contract with GCWA	CT	0.11	2	Metro	3.31	368.99	2	31
H	BAILEY'S PRAIRIE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	897.76	2	39
H	BAILEY'S PRAIRIE	Municipal conservation - small water user group	MC	0.11	4	Metro	3.31	0.00	3	78
H	BAYOU VISTA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	496.16	2	16
H	BAYTOWN	Expanded use of groundwater	GW	0.11	2	Metro	3.31	706.98	2	24
H	BAYTOWN	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	51
H	BEACH CITY	Contract with CLCND	CT	0.11	2	Metro	3.31	2908.84	2	30
H	BEACH CITY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	62
H	BEACH CITY	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.53	2	79

H	BEACH CITY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	BEACH CITY	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	2354.93	1	57
H	BEASLEY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	906.37	2	18
H	BEASLEY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	32
H	BELLAIRE	Contract with City of Houston	CT	0.11	2	Metro	3.31	193.75	2	17
H	BELLAIRE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	523.65	2	46
H	BELLAIRE	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	71
H	BELLAIRE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	854.53	1	43
H	BELLVILLE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	621.56	2	30
H	BELLVILLE	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	26
H	BLUE BELL MANOR UTILITY COMPANY	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	457.24	3	52
H	BLUE BELL MANOR UTILITY COMPANY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	BOLIVAR PENINSULAR SUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	63
H	BRAZORIA COUNTY MUD #1	Expanded use of groundwater	GW	0.11	2	Metro	3.31	799.30	2	50
H	BRAZORIA COUNTY MUD #1	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	52
H	BRAZORIA COUNTY MUD #2	Expanded use of groundwater	GW	0.11	2	Metro	3.31	796.22	2	71
H	BRAZORIA COUNTY MUD #2	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	67
H	BRAZORIA COUNTY MUD #3	Expanded use of groundwater	GW	0.11	2	Metro	3.31	800.05	2	64
H	BRAZORIA COUNTY MUD #3	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	65
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	SW	0.11	2	Metro	3.31	557.48	3	62
H	BRAZOS RIVER AUTHORITY	BRA system operations permit	WR	0.11	2	Metro	3.31	0.00	1	52

H	BRAZOS RIVER AUTHORITY	Brazoria off-channel reservoir	SW	0.11	6	Metro	3.31	7245.78	3	32
H	BRAZOS RIVER AUTHORITY	Brazos saltwater barrier	DS	0.11	1	Metro	3.31	44470739.00	2	59
H	BRAZOS RIVER AUTHORITY	Fort Bend off-channel reservoir	SW	0.11	5	Metro	3.31	4399.34	3	55
H	BRAZOS RIVER AUTHORITY	Freeport desalination plant	DS	0.11	5	Metro	3.31	3805.04	2	45
H	BRITMOORE UTILITIES	Contract with City of Houston	CT	0.11	3	Metro	3.31	241.58	2	74
H	BRITMOORE UTILITIES	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	35
H	BRITMOORE UTILITIES	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	970.69	1	57
H	BROOKSHIRE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	902.64	2	72
H	BROOKSHIRE	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	65
H	BROOKSIDE VILLAGE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	882.81	2	47
H	BROOKSIDE VILLAGE	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	63
H	BUFFALO	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	545.40	2	76
H	BUFFALO	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	38
H	BUNKER HILL VILLAGE	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	64
H	BUNKER HILL VILLAGE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	762.11	1	60
H	CANDLELIGHT HILLS SUBDIVISION	Contract with City of Houston	CT	0.11	3	Metro	3.31	249.54	2	39
H	CANDLELIGHT HILLS SUBDIVISION	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	50
H	CANDLELIGHT HILLS SUBDIVISION	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	972.87	1	35
H	CENTERVILLE	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	575.44	2	38
H	CENTERVILLE	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	38
H	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	Contract with CHCRWA	CT	0.11	2	Metro	3.31	276.29	2	59
H	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	Contract with CHCRWA	CT	0.11	2	Metro	3.31	548.40	2	33

H	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	44
H	CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY	Reallocation of existing supplies	REL	0.11	3	Metro	3.31	194.88	1	38
H	CHAMBERS-LIBERTY COUNTIES NAVIGATION DISTRICT	CLCND West Chambers System	FAC	0.11	2	Metro	3.31	1816.56	2	16
H	CHIMNEY HILL MUD	Contract with City of Houston	CT	0.11	3	Metro	3.31	900.73	2	75
H	CHIMNEY HILL MUD	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	47
H	CHIMNEY HILL MUD	Reallocation of existing supplies	REL	0.11	3	Metro	3.31	2982.19	1	34
H	CLEAR BROOK CITY MUD WOODMEADOWS	Expanded use of groundwater	GW	0.11	2	Metro	3.31	526.76	2	21
H	CLEAR LAKE SHORES	Contract with GCWA	CT	0.11	2	Metro	3.31	2202.85	2	48
H	CLEAR LAKE SHORES	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	54
H	CLEAR LAKE SHORES	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.22	2	39
H	CLEAR LAKE SHORES	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	38
H	CLEVELAND	Expanded use of groundwater	GW	0.11	2	Metro	3.31	960.98	2	72
H	CLEVELAND	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	60
H	CLUTE	Contract with Brazosport Water Authority	CT	0.11	3	Metro	3.31	1190.06	2	25
H	CLUTE	Expanded use of groundwater	GW	0.11	3	Metro	3.31	942.63	2	39
H	CLUTE	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	COLDSPRING	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	608.40	2	58
H	COLDSPRING	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	24
H	CONROE	Contract with SJRA	CT	0.11	4	Metro	3.31	324.70	2	15
H	CONROE	Expanded use of groundwater	GW	0.11	3	Metro	3.31	0.00	2	69
H	CONROE	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2224.56	2	75

H	CONROE	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	20
H	CONROE	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	458.63	3	21
H	CONSOLIDATED WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	1178.50	2	37
H	CONSOLIDATED WSC	Municipal conservation - small water user group	MC	0.11	1	Non-Metro	3.31	0.00	3	19
H	CONSUMERS WATER INC	Contract with City of Houston	CT	0.11	3	Metro	3.31	317.41	2	23
H	CONSUMERS WATER INC	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.50	2	75
H	CONSUMERS WATER INC	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	55
H	CONSUMERS WATER INC	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	954.82	1	63
H	CONSUMERS WATER INC	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	749.71	3	48
H	COUNTY-OTHER, AUSTIN	Expanded use of groundwater	GW	0.11	2	Metro	3.31	630.15	2	18
H	COUNTY-OTHER, AUSTIN	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	47
H	COUNTY-OTHER, BRAZORIA	Contract with Brazosport Water Authority	CT	0.11	2	Metro	3.31	201.84	2	23
H	COUNTY-OTHER, BRAZORIA	Contract with Brazosport Water Authority	CT	0.11	1	Metro	3.31	412.88	2	20
H	COUNTY-OTHER, BRAZORIA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	507.19	2	46
H	COUNTY-OTHER, BRAZORIA	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	0.00	2	49
H	COUNTY-OTHER, BRAZORIA	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	40
H	COUNTY-OTHER, BRAZORIA	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	531.90	1	39
H	COUNTY-OTHER, CHAMBERS	Contract with CLCND	CT	0.11	2	Metro	3.31	2303.04	2	19
H	COUNTY-OTHER, CHAMBERS	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2354.64	2	22
H	COUNTY-OTHER, CHAMBERS	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	76

H	COUNTY-OTHER, CHAMBERS	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	2356.01	1	41
H	COUNTY-OTHER, FORT BEND	City of Missouri City Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	723.22	3	38
H	COUNTY-OTHER, FORT BEND	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	634.95	3	58
H	COUNTY-OTHER, FORT BEND	Contract with BRA	CT	0.11	2	Metro	3.31	3839.29	2	67
H	COUNTY-OTHER, FORT BEND	Contract with GCWA	CT	0.11	4	Metro	3.31	5861.63	2	58
H	COUNTY-OTHER, FORT BEND	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	76
H	COUNTY-OTHER, FORT BEND	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	693.06	1	63
H	COUNTY-OTHER, GALVESTON	Contract with GCWA	CT	0.11	2	Metro	3.31	1813.26	2	50
H	COUNTY-OTHER, HARRIS	City of Houston indirect reuse	RU	0.11	4	Metro	3.31	2069.24	1	63
H	COUNTY-OTHER, HARRIS	Contract with City of Houston	CT	0.11	3	Metro	3.31	274.36	2	61
H	COUNTY-OTHER, HARRIS	Contract with SJRA	CT	0.11	3	Metro	3.31	602.96	2	42
H	COUNTY-OTHER, HARRIS	Municipal conservation - small water user group	MC	0.11	3	Metro	3.31	0.00	3	29
H	COUNTY-OTHER, HARRIS	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	470.26	1	26
H	COUNTY-OTHER, HARRIS	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	626.82	1	78
H	COUNTY-OTHER, LEON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	714.11	2	68
H	COUNTY-OTHER, LEON	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	35
H	COUNTY-OTHER, LIBERTY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	863.34	2	50
H	COUNTY-OTHER, LIBERTY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	17
H	COUNTY-OTHER, MADISON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	776.89	2	37
H	COUNTY-OTHER, MADISON	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	60
H	COUNTY-OTHER, MONTGOMERY	Contract with SJRA	CT	0.11	4	Metro	3.31	631.03	2	16
H	COUNTY-OTHER, MONTGOMERY	Expanded use of groundwater	GW	0.11	3	Metro	3.31	101.22	2	49

H	COUNTY-OTHER, MONTGOMERY	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2044.83	2	45
H	COUNTY-OTHER, MONTGOMERY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	30
H	COUNTY-OTHER, MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	506.65	3	53
H	COUNTY-OTHER, MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	779.28	3	70
H	COUNTY-OTHER, MONTGOMERY	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	595.81	1	59
H	COUNTY-OTHER, POLK	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	851.60	2	66
H	COUNTY-OTHER, POLK	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	60
H	COUNTY-OTHER, SAN JACINTO	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	769.75	2	47
H	COUNTY-OTHER, SAN JACINTO	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	70
H	COUNTY-OTHER, TRINITY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	937.26	2	44
H	COUNTY-OTHER, WALKER	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	2357.00	2	62
H	COUNTY-OTHER, WALKER	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	24
H	COUNTY-OTHER, WALLER	Expanded use of groundwater	GW	0.11	2	Metro	3.31	911.77	2	44
H	COUNTY-OTHER, WALLER	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	77
H	CROSBY MUD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	521.53	2	73
H	CROSBY MUD	Municipal conservation - medium water user group	MC	0.11	6	Metro	3.31	0.00	3	40
H	CRYSTAL SPRNGS WATER COMPANY	Contract with City of Houston	CT	0.11	3	Metro	3.31	308.93	2	34
H	CRYSTAL SPRNGS WATER COMPANY	Expanded use of groundwater	GW	0.11	4	Metro	3.31	735.18	2	36
H	CRYSTAL SPRNGS WATER COMPANY	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.03	2	75
H	CRYSTAL SPRNGS WATER COMPANY	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	44

H	CRYSTAL SPRNGS WATER COMPANY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	CRYSTAL SPRNGS WATER COMPANY	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	3146.58	1	49
H	CRYSTAL SPRNGS WATER COMPANY	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	824.00	3	55
H	CUT AND SHOOT	Contract with SJRA	CT	0.11	4	Metro	3.31	358.47	2	37
H	CUT AND SHOOT	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.50	2	23
H	CUT AND SHOOT	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	22
H	CUT AND SHOOT	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	801.14	3	78
H	CUT AND SHOOT	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1370.02	3	25
H	DAISETTA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	964.11	2	73
H	DAISETTA	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	76
H	DANBURY	Expanded use of groundwater	GW	0.11	3	Metro	3.31	1081.25	2	55
H	DANBURY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	78
H	DAYTON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	806.57	2	33
H	DAYTON	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	36
H	DEER PARK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	554.53	2	73
H	DEER PARK	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	55
H	DICKINSON	Contract with Galveston County WCID #1	CT	0.11	2	Metro	3.31	392.69	2	34
H	DICKINSON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	38
H	DICKINSON	Interim strategies	TOD	0.11	1	Metro	3.31	2344.18	2	43
H	DICKINSON	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	31
H	DOW CHEMICAL USA	DOW off-channel Reservoir	SW	0.11	2	Metro	3.31	1141.91	3	75

H	EAST PLANTATION UD	Contract with SJRA	CT	0.11	4	Metro	3.31	415.61	2	18
H	EAST PLANTATION UD	Expanded use of groundwater	GW	0.11	4	Metro	3.31	0.00	2	61
H	EAST PLANTATION UD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.23	2	77
H	EAST PLANTATION UD	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	29
H	EAST PLANTATION UD	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	745.99	3	15
H	EAST PLANTATION UD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1404.21	3	29
H	EL DORADO UD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	537.54	3	61
H	EL DORADO UD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	EL LAGO	Contract with City of Pasadena	CT	0.11	3	Metro	3.31	54.71	2	38
H	EL LAGO	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	45
H	EL LAGO	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	835.35	1	22
H	FAIRCHILDS	Contract with BRA	CT	0.11	2	Metro	3.31	3787.68	2	60
H	FAIRCHILDS	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	28
H	FIRST COLONY MUD #9	City of Missouri City Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	896.37	3	34
H	FIRST COLONY MUD #9	Contract with City of Missouri City	CT	0.11	3	Metro	3.31	577.41	2	50
H	FIRST COLONY MUD #9	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	21
H	FLO COMMUNITY WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	528.73	2	40
H	FLO COMMUNITY WSC	Municipal conservation - medium water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	70
H	FORT BEND COUNTY MUD #106	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	1117.23	3	16

H	FORT BEND COUNTY MUD #106	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	534.20	2	49
H	FORT BEND COUNTY MUD #106	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	71
H	FORT BEND COUNTY MUD #108	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	456.66	2	28
H	FORT BEND COUNTY MUD #108	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	65
H	FORT BEND COUNTY MUD #111	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	714.27	3	69
H	FORT BEND COUNTY MUD #111	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	437.76	2	61
H	FORT BEND COUNTY MUD #111	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	38
H	FORT BEND COUNTY MUD #23	City of Missouri City Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	912.99	3	49
H	FORT BEND COUNTY MUD #23	Contract with City of Missouri City	CT	0.11	3	Metro	3.31	534.62	2	43
H	FORT BEND COUNTY MUD #23	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	25
H	FORT BEND COUNTY MUD #25	Contract with BRA	CT	0.11	3	Metro	3.31	4337.09	2	49
H	FORT BEND COUNTY MUD #25	Fort Bend County MUD #25 Groundwater Reduction Plan - reuse	GW	0.11	2	Metro	3.31	263.55	2	63
H	FORT BEND COUNTY MUD #25	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	25
H	FORT BEND COUNTY MUD #67	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	718.79	3	56
H	FORT BEND COUNTY MUD #67	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	434.51	2	24
H	FORT BEND COUNTY MUD #67	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	18
H	FORT BEND COUNTY MUD #68	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	706.06	3	58
H	FORT BEND COUNTY MUD #68	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	454.57	2	56
H	FORT BEND COUNTY MUD #68	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	18

H	FORT BEND COUNTY MUD #69	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	727.75	3	42
H	FORT BEND COUNTY MUD #69	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	472.20	2	32
H	FORT BEND COUNTY MUD #69	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	38
H	FORT BEND COUNTY MUD #81	Contract with BRA	CT	0.11	2	Metro	3.31	3867.67	2	61
H	FORT BEND COUNTY MUD #81	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	30
H	FORT BEND COUNTY WCID #2	Fort Bend County WCID #2 Groundwater Reduction Plan	GW	0.11	2	Metro	3.31	981.07	2	18
H	FOUNTAINVIEW SUBDIVISION	Contract with City of Houston	CT	0.11	3	Metro	3.31	225.72	2	19
H	FOUNTAINVIEW SUBDIVISION	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	64
H	FOUNTAINVIEW SUBDIVISION	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1026.72	1	69
H	FREEPORT	Contract with Brazosport Water Authority	CT	0.11	2	Metro	3.31	709.53	2	57
H	FREEPORT	Expanded use of groundwater	GW	0.11	2	Metro	3.31	722.41	2	59
H	FREEPORT	Municipal conservation - large water user group	MC	0.11	2	Metro	3.31	0.00	3	32
H	FRIENDSWOOD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	506.78	2	33
H	FULSHEAR	Fulshear reuse	RU	0.11	2	Metro	3.31	282.32	1	52
H	FULSHEAR	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	41
H	FULSHEAR	NFBWA Groundwater Reduction Plan participation	GW	0.11	5	Metro	3.31	1709.89	3	57
H	GALENA PARK	Contract with City of Houston	CT	0.11	3	Metro	3.31	588.16	2	36
H	GALENA PARK	Expanded use of groundwater	GW	0.11	3	Metro	3.31	589.13	2	36
H	GALENA PARK	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	50
H	GALENA PARK	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1636.62	1	64
H	GALVESTON COUNTY MUD #1	Expanded use of groundwater	GW	0.11	2	Metro	3.31	509.54	2	71
H	GALVESTON COUNTY WCID #12	Contract with GCWA	CT	0.11	2	Metro	3.31	1875.29	2	50

H	GALVESTON COUNTY WCID #12	Expanded use of groundwater	GW	0.11	2	Metro	3.31	496.16	2	24
H	GALVESTON	Contract with City of Galveston	CT	0.11	2	Metro	3.31	290.34	2	76
H	GREEN TRAILS MUD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	564.29	3	67
H	GREEN TRAILS MUD	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	59
H	GULF COAST WATER AUTHORITY	GCWA off-channel reservoir	SW	0.11	3	Metro	3.31	1249.67	3	70
H	H M W SUD	Contract with SJRA	CT	0.11	4	Metro	3.31	351.92	2	31
H	H M W SUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2352.45	2	57
H	H M W SUD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	20
H	H M W SUD	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	673.46	3	37
H	H M W SUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1363.08	3	50
H	HARDIN WSC	Expanded use of groundwater	GW	0.11	2	Metro	3.31	814.94	2	28
H	HARDIN WSC	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	72
H	HARDIN	Expanded use of groundwater	GW	0.11	2	Metro	3.31	821.48	2	57
H	HARDIN	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	41
H	HARRIS COUNTY FWSD #47	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	43
H	HARRIS COUNTY FWSD #47	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	3684.75	1	53
H	HARRIS COUNTY FWSD #51	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	41
H	HARRIS COUNTY FWSD #51	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	953.37	1	26
H	HARRIS COUNTY FWSD #6	Contract with NCWA	CT	0.11	3	Metro	3.31	310.01	2	51
H	HARRIS COUNTY FWSD #6	Expanded use of groundwater	GW	0.11	2	Metro	3.31	517.29	2	51
H	HARRIS COUNTY FWSD #6	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	62

H	HARRIS COUNTY FWSD #6	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	961.82	1	56
H	HARRIS COUNTY MUD #11	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	565.72	3	60
H	HARRIS COUNTY MUD #11	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	HARRIS COUNTY MUD #119 INWOOD NORTH	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	459.41	3	15
H	HARRIS COUNTY MUD #119 INWOOD NORTH	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	18
H	HARRIS COUNTY MUD #132	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	77
H	HARRIS COUNTY MUD #132	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	608.20	3	49
H	HARRIS COUNTY MUD #151	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	37
H	HARRIS COUNTY MUD #151	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	453.58	3	68
H	HARRIS COUNTY MUD #152	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	55
H	HARRIS COUNTY MUD #152	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	631.46	3	68
H	HARRIS COUNTY MUD #153	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	648.87	3	33
H	HARRIS COUNTY MUD #153	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	HARRIS COUNTY MUD #154	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	608.62	3	48
H	HARRIS COUNTY MUD #154	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	69
H	HARRIS COUNTY MUD #158	Contract with City of Houston	CT	0.11	3	Metro	3.31	1474.40	2	69
H	HARRIS COUNTY MUD #158	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	24
H	HARRIS COUNTY MUD #158	Reallocation of existing supplies	REL	0.11	3	Metro	3.31	4128.30	1	59
H	HARRIS COUNTY MUD #180	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	43

H	HARRIS COUNTY MUD #180	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	603.49	3	44
H	HARRIS COUNTY MUD #189	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	603.97	3	59
H	HARRIS COUNTY MUD #189	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	HARRIS COUNTY MUD #261	Contract with City of Houston	CT	0.11	3	Metro	3.31	55.92	2	50
H	HARRIS COUNTY MUD #261	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	74
H	HARRIS COUNTY MUD #261	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1035.54	1	56
H	HARRIS COUNTY MUD #345	Contract with City of Houston	CT	0.11	3	Metro	3.31	51.12	2	60
H	HARRIS COUNTY MUD #345	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	HARRIS COUNTY MUD #345	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	934.26	1	44
H	HARRIS COUNTY MUD #46	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	33
H	HARRIS COUNTY MUD #46	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	453.29	3	42
H	HARRIS COUNTY MUD #5	Contract with City of Houston	CT	0.11	3	Metro	3.31	42.62	2	51
H	HARRIS COUNTY MUD #5	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	56
H	HARRIS COUNTY MUD #5	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1011.23	1	71
H	HARRIS COUNTY MUD #50	Contract with SJRA	CT	0.11	5	Metro	3.31	0.00	2	64
H	HARRIS COUNTY MUD #50	Harris County MUD #50 water treatment plant	TD	0.11	1	Metro	3.31	1772.14	1	33
H	HARRIS COUNTY MUD #50	Municipal conservation - medium water user group	MC	0.11	3	Metro	3.31	0.00	3	31
H	HARRIS COUNTY MUD #53	Contract with NCWA	CT	0.11	3	Metro	3.31	351.24	2	76
H	HARRIS COUNTY MUD #53	Expanded use of groundwater	GW	0.11	2	Metro	3.31	521.60	2	69
H	HARRIS COUNTY MUD #53	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	48
H	HARRIS COUNTY MUD #53	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	758.04	1	59
H	HARRIS COUNTY MUD #8	Contract with City of Houston	CT	0.11	3	Metro	3.31	350.85	2	66

H	HARRIS COUNTY MUD #8	Expanded use of groundwater	GW	0.11	2	Metro	3.31	521.16	2	69
H	HARRIS COUNTY MUD #8	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	29
H	HARRIS COUNTY MUD #8	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	963.60	1	17
H	HARRIS COUNTY UD #14	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	538.21	3	23
H	HARRIS COUNTY UD #14	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	63
H	HARRIS COUNTY UD #15	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	569.10	3	80
H	HARRIS COUNTY UD #15	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	58
H	HARRIS COUNTY WCID #1	Contract with Baytown Area Water Authority	CT	0.11	3	Metro	3.31	587.76	2	26
H	HARRIS COUNTY WCID #1	Municipal conservation - large water user group	MC	0.11	2	Metro	3.31	0.00	3	74
H	HARRIS COUNTY WCID #1	Reallocation of existing supplies	REL	0.11	2	Metro	3.31	992.92	1	69
H	HARRIS COUNTY WCID #133	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	455.06	3	20
H	HARRIS COUNTY WCID #133	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	19
H	HARRIS COUNTY WCID #21	Contract with NCWA	CT	0.11	3	Metro	3.31	201.00	2	69
H	HARRIS COUNTY WCID #21	Expanded use of groundwater	GW	0.11	2	Metro	3.31	517.29	2	25
H	HARRIS COUNTY WCID #21	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	62
H	HARRIS COUNTY WCID #21	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	800.81	1	28
H	HARRIS COUNTY WCID #36	Contract with NCWA	CT	0.11	3	Metro	3.31	337.69	2	26
H	HARRIS COUNTY WCID #36	Expanded use of groundwater	GW	0.11	2	Metro	3.31	504.07	2	71
H	HARRIS COUNTY WCID #36	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	25
H	HARRIS COUNTY WCID #36	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	839.78	1	58
H	HARRIS COUNTY WCID #50	Contract with City of Pasadena	CT	0.11	3	Metro	3.31	133.65	2	70

H	HARRIS COUNTY WCID #50	Expanded use of groundwater	GW	0.11	2	Metro	3.31	529.02	2	54
H	HARRIS COUNTY WCID #50	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	30
H	HARRIS COUNTY WCID #50	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	743.67	1	78
H	HARRIS COUNTY WCID #76	Contract with City of Houston	CT	0.11	3	Metro	3.31	41.70	2	32
H	HARRIS COUNTY WCID #76	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	76
H	HARRIS COUNTY WCID #76	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1162.52	1	36
H	HARRIS COUNTY WCID #84	Contract with NCWA	CT	0.11	3	Metro	3.31	34.36	2	65
H	HARRIS COUNTY WCID #84	Expanded use of groundwater	GW	0.11	3	Metro	3.31	589.25	2	65
H	HARRIS COUNTY WCID #84	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	24
H	HARRIS COUNTY WCID #84	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	861.18	1	38
H	HEDWIG VILLAGE	Contract with City of Houston	CT	0.11	3	Metro	3.31	10.99	2	71
H	HEDWIG VILLAGE	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	50
H	HEDWIG VILLAGE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	750.52	1	69
H	HEMPSTEAD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	872.65	2	23
H	HEMPSTEAD	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	41
H	HILLCREST	Expanded use of groundwater	GW	0.11	6	Metro	3.31	2357.00	2	20
H	HILLCREST	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	73
H	HILSHIRE VILLAGE	Contract with City of Houston	CT	0.11	3	Metro	3.31	286.12	2	21
H	HILSHIRE VILLAGE	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	49
H	HILSHIRE VILLAGE	Reallocation of existing supplies	REL	0.11	2	Metro	3.31	8079.00	1	61
H	HITCHCOCK	Contract with GCWA	CT	0.11	2	Metro	3.31	2190.41	2	73
H	HITCHCOCK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	2357.00	2	39
H	HOLIDAY LAKES	Expanded use of groundwater	GW	0.11	6	Metro	3.31	2357.00	2	55

H	HOLIDAY LAKES	Municipal conservation - small water user group	MC	0.11	6	Metro	3.31	0.00	3	61
H	HOUSTON	Allens Creek Reservoir	SW	0.11	2	Metro	3.31	557.48	3	35
H	HOUSTON	City of Houston bayous permit	WR	0.11	1	Metro	3.31	20956000.00	1	26
H	HOUSTON	City of Houston distribution expansion	TD	0.11	2	Metro	3.31	459.58	1	56
H	HOUSTON	City of Houston indirect reuse	RU	0.11	4	Metro	3.31	3086.17	1	73
H	HOUSTON	City of Houston treatment expansion	TD	0.11	1	Metro	3.31	3502.86	1	46
H	HOUSTON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	35.65	2	52
H	HOUSTON	Luce Bayou transfer	TRAN	0.11	2	Metro	3.31	249.41	1	44
H	HOUSTON	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	69
H	HOUSTON	TRA to City of Houston contract	CT	0.11	3	Metro	3.31	0.00	2	24
H	HOUSTON	Wastewater reuse for industry	RU	0.11	6	Metro	3.31	4941.25	1	80
H	HUMBLE	Contract with City of Houston	CT	0.11	2	Metro	3.31	306.73	2	58
H	HUMBLE	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	30
H	HUMBLE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	741.30	1	39
H	HUNTERS CREEK VILLAGE	Contract with City of Houston	CT	0.11	3	Metro	3.31	131.79	2	78
H	HUNTERS CREEK VILLAGE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	522.44	2	62
H	HUNTERS CREEK VILLAGE	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	78
H	HUNTERS CREEK VILLAGE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	701.95	1	67
H	HUNTSVILLE	City of Huntsville water treatment plant	TD	0.11	1	Non-Metro	3.31	908.09	1	40
H	IOWA COLONY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	901.05	2	33
H	IOWA COLONY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	53
H	IRRIGATION, BRAZORIA	Brazoria County interruptible supplies for irrigation	WR	0.11	1	Non-Metro	3.31	0.00	1	31

H	IRRIGATION, BRAZORIA	Expanded use of groundwater	GW	0.11	3	Non-Metro	3.31	362.78	2	30
H	IRRIGATION, BRAZORIA	Irrigation conservation	IC	0.11	1	Non-Metro	3.31	1.76	3	32
H	IRRIGATION, CHAMBERS	Irrigation conservation	IC	0.11	1	Non-Metro	3.31	1.94	3	36
H	IRRIGATION, CHAMBERS	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	0.00	1	75
H	IRRIGATION, FORT BEND	Irrigation conservation	IC	0.11	1	Non-Metro	3.31	1.98	3	29
H	IRRIGATION, GALVESTON	Brazoria County interruptible supplies for irrigation	WR	0.11	1	Non-Metro	3.31	0.00	1	16
H	IRRIGATION, GALVESTON	Contract with GCWA	CT	0.11	2	Non-Metro	3.31	0.00	2	28
H	IRRIGATION, GALVESTON	Irrigation conservation	IC	0.11	1	Non-Metro	3.31	2.05	3	59
H	IRRIGATION, LIBERTY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	274.68	2	68
H	IRRIGATION, LIBERTY	Irrigation conservation	IC	0.11	1	Non-Metro	3.31	1.51	3	35
H	IRRIGATION, LIBERTY	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	0.00	1	53
H	IRRIGATION, WALLER	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	671.76	2	60
H	IRRIGATION, WALLER	Irrigation conservation	IC	0.11	5	Non-Metro	3.31	0.00	3	68
H	JACINTO CITY	Contract with City of Houston	CT	0.11	5	Metro	3.31	3430.82	2	57
H	JACINTO CITY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	534.47	2	78
H	JACINTO CITY	Municipal conservation - large water user group	MC	0.11	3	Metro	3.31	0.00	3	48
H	JACINTO CITY	Reallocation of existing supplies	REL	0.11	5	Metro	3.31	1376.33	1	41
H	JAMAICA BEACH	Expanded use of groundwater	GW	0.11	2	Metro	3.31	515.50	2	59
H	JERSEY VILLAGE	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	50
H	JERSEY VILLAGE	NHCRWA Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	552.00	3	68
H	JEWETT	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	523.67	2	52
H	JEWETT	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	68
H	KATY	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	KATY	WHCRWA Groundwater Reduction Plan	GW	0.11	1	Metro	3.31	624.71	3	41

		participation								
H	KEMAH	Contract with GCWA	CT	0.11	2	Metro	3.31	450.40	2	70
H	KEMAH	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	18
H	KEMAH	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.06	2	62
H	KEMAH	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	70
H	KENDLETON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	941.49	2	75
H	KENDLETON	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	77
H	KENEFICK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	809.78	2	53
H	KENEFICK	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	55
H	LA PORTE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	527.58	2	57
H	LAKE JACKSON	Contract with Brazosport Water Authority	CT	0.11	1	Metro	3.31	465.76	2	63
H	LAKE JACKSON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	521.58	2	38
H	LAKE JACKSON	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	71
H	LAKE LIVINGSTON WATER SUPPLY & SEWER SERVICE COMPANY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	1767.50	2	48
H	LAKE LIVINGSTON WATER SUPPLY & SEWER SERVICE COMPANY	Lake Livingston Water Supply and Sewer Service Corporation surface water project	SW	0.11	1	Metro	3.31	539.48	3	68
H	LAKE LIVINGSTON WATER SUPPLY & SEWER SERVICE COMPANY	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	44
H	LEAGUE CITY	Contract with GCWA	CT	0.11	2	Metro	3.31	347.57	2	59
H	LEAGUE CITY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	42
H	LEAGUE CITY	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2138.56	2	46
H	LEAGUE CITY	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	70

H	LIBERTY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	1066.25	2	66
H	LIBERTY	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	78
H	LIVESTOCK, BRAZORIA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	690.15	2	28
H	LIVESTOCK, BRAZORIA	New groundwater wells for livestock	GW	0.11	2	Metro	3.31	138.04	2	33
H	LIVESTOCK, GALVESTON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	157.41	2	43
H	LIVESTOCK, GALVESTON	Interim strategies	TOD	0.11	1	Metro	3.31	690.14	2	44
H	LIVESTOCK, GALVESTON	New groundwater wells for livestock	GW	0.11	2	Metro	3.31	0.00	2	64
H	LONGHORN TOWN UD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	664.70	3	46
H	LONGHORN TOWN UD	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	27
H	MADISONVILLE	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	763.47	2	61
H	MADISONVILLE	Municipal conservation - medium water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	25
H	MAGNOLIA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	772.75	2	17
H	MAGNOLIA	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.27	2	66
H	MAGNOLIA	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	MAGNOLIA	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	794.66	3	77
H	MANUFACTURING, AUSTIN	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	785.52	2	26
H	MANUFACTURING, BRAZORIA	Contract with BRA	CT	0.11	2	Non-Metro	3.31	1007.34	2	25
H	MANUFACTURING, BRAZORIA	Contract with Brazosport Water Authority	CT	0.11	1	Non-Metro	3.31	1287.30	2	78
H	MANUFACTURING, BRAZORIA	Contract with Dow	CT	0.11	2	Non-Metro	3.31	1423.91	2	65
H	MANUFACTURING, BRAZORIA	Contract with GCWA	CT	0.11	3	Non-Metro	3.31	599.74	2	37
H	MANUFACTURING, BRAZORIA	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	715.55	2	18
H	MANUFACTURING, BRAZORIA	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	1661.13	2	51

H	MANUFACTURING, BRAZORIA	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	1779.49	1	75
H	MANUFACTURING, CHAMBERS	Contract with TRA	CT	0.11	1	Non-Metro	3.31	1607.54	2	24
H	MANUFACTURING, CHAMBERS	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	533.20	2	42
H	MANUFACTURING, FORT BEND	Contract with BRA	CT	0.11	2	Non-Metro	3.31	2618.98	2	19
H	MANUFACTURING, FORT BEND	Contract with Fort Bend County WCID #1	CT	0.11	2	Non-Metro	3.31	460.38	2	77
H	MANUFACTURING, FORT BEND	Industrial conservation	IND	0.11	2	Non-Metro	3.31	0.00	1	22
H	MANUFACTURING, GALVESTON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	536.27	2	47
H	MANUFACTURING, HARRIS	City of Houston indirect reuse	RU	0.11	4	Non-Metro	3.31	965.55	1	46
H	MANUFACTURING, HARRIS	Contract with City of Houston	CT	0.11	2	Non-Metro	3.31	1890.48	2	57
H	MANUFACTURING, HARRIS	Contract with SJRA	CT	0.11	1	Non-Metro	3.31	1183.88	2	75
H	MANUFACTURING, HARRIS	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	471.47	2	24
H	MANUFACTURING, HARRIS	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	5019.20	1	34
H	MANUFACTURING, LEON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	761.95	2	19
H	MANUFACTURING, LIBERTY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	761.07	2	63
H	MANUFACTURING, MADISON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	787.41	2	62
H	MANUFACTURING, MONTGOMERY	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	2345.17	2	53
H	MANUFACTURING, MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Non-Metro	3.31	545.27	3	47
H	MANUFACTURING, SAN JACINTO	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	798.83	2	66
H	MANUFACTURING, WALKER	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	690.80	2	72
H	MANUFACTURING, WALLER	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	771.51	2	33
H	MANVEL	Contract with GCWA	CT	0.11	2	Metro	3.31	2360.06	2	50
H	MANVEL	Expanded use of groundwater	GW	0.11	2	Metro	3.31	571.98	2	72
H	MANVEL	Municipal conservation - large water user group	MC	0.11	2	Metro	3.31	0.00	3	45

H	MASON CREEK UD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	449.60	3	41
H	MASON CREEK UD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	55
H	MEADOWS	Contract with Fort Bend County WCID #2	CT	0.11	2	Metro	3.31	421.87	2	31
H	MEADOWS	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	31
H	MERCY WSC	Expanded use of groundwater	GW	0.11	2	Metro	3.31	657.75	2	80
H	MERCY WSC	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	25
H	MINING, AUSTIN	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	698.26	2	36
H	MINING, BRAZORIA	Contract with BRA	CT	0.11	2	Non-Metro	3.31	3076.72	2	36
H	MINING, BRAZORIA	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	563.16	2	73
H	MINING, BRAZORIA	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	0.00	2	57
H	MINING, BRAZORIA	Interim strategies	TOD	0.11	1	Non-Metro	3.31	0.00	2	78
H	MINING, CHAMBERS	Contract with TRA	CT	0.11	1	Non-Metro	3.31	2292.13	2	23
H	MINING, CHAMBERS	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	741.48	2	76
H	MINING, CHAMBERS	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	543.36	1	27
H	MINING, FORT BEND	Contract with BRA	CT	0.11	2	Non-Metro	3.31	2503.33	2	63
H	MINING, FORT BEND	Contract with GCWA	CT	0.11	2	Non-Metro	3.31	2686.97	2	43
H	MINING, FORT BEND	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	706.97	2	47
H	MINING, GALVESTON	Contract with GCWA	CT	0.11	2	Non-Metro	3.31	2702.37	2	22
H	MINING, GALVESTON	Contract with LNVA	CT	0.11	1	Non-Metro	3.31	2474.60	2	56
H	MINING, GALVESTON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	261.89	2	41
H	MINING, GALVESTON	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	2356.53	2	57
H	MINING, HARRIS	Contract with City of Houston	CT	0.11	3	Non-Metro	3.31	1950.89	2	59
H	MINING, HARRIS	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	507.88	2	17
H	MINING, HARRIS	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	4972.39	1	36

H	MINING, LIBERTY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	782.88	2	31
H	MINING, MONTGOMERY	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	2355.95	2	53
H	MINING, MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Non-Metro	3.31	454.52	3	36
H	MINING, POLK	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	707.05	2	33
H	MISSOURI CITY	City of Missouri City Groundwater Reduction Plan - aquifer storage and recovery	ASR	0.11	2	Metro	3.31	2843.86	1	17
H	MISSOURI CITY	City of Missouri City Groundwater Reduction Plan - reuse	RU	0.11	2	Metro	3.31	2843.86	1	74
H	MISSOURI CITY	City of Missouri City Groundwater Reduction Plan	GW	0.11	2	Metro	3.31	694.98	3	19
H	MISSOURI CITY	Expanded use of groundwater	GW	0.11	1	Metro	3.31	0.00	2	39
H	MISSOURI CITY	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	48
H	MONT BELVIEU	Contract with CLCND	CT	0.11	2	Metro	3.31	2830.58	2	43
H	MONT BELVIEU	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	75
H	MONT BELVIEU	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2342.77	2	34
H	MONT BELVIEU	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	76
H	MONT BELVIEU	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	2354.44	1	78
H	MONTGOMERY COUNTY MUD #18	Contract with SJRA	CT	0.11	4	Metro	3.31	535.66	2	41
H	MONTGOMERY COUNTY MUD #18	Expanded use of groundwater	GW	0.11	3	Metro	3.31	117.27	2	72
H	MONTGOMERY COUNTY MUD #18	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2351.33	2	67
H	MONTGOMERY COUNTY MUD #18	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	67
H	MONTGOMERY COUNTY MUD #18	SJRA Water Resources Assessment Plan participation	SW	0.11	4	Metro	3.31	861.25	3	15

H	MONTGOMERY COUNTY MUD #18	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1322.02	3	66
H	MONTGOMERY COUNTY MUD #19	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.24	2	20
H	MONTGOMERY COUNTY MUD #19	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	17
H	MONTGOMERY COUNTY MUD #19	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	745.84	3	22
H	MONTGOMERY COUNTY MUD #19	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1227.47	3	71
H	MONTGOMERY COUNTY MUD #8	Contract with SJRA	CT	0.11	4	Metro	3.31	277.62	2	24
H	MONTGOMERY COUNTY MUD #8	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.52	2	74
H	MONTGOMERY COUNTY MUD #8	Montgomery MUD #8/9 indirect reuse	RU	0.11	2	Metro	3.31	2500.16	1	47
H	MONTGOMERY COUNTY MUD #8	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	70
H	MONTGOMERY COUNTY MUD #8	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	227.63	3	36
H	MONTGOMERY COUNTY MUD #8	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	822.59	3	70
H	MONTGOMERY COUNTY MUD #9	Contract with SJRA	CT	0.11	4	Metro	3.31	301.16	2	37
H	MONTGOMERY COUNTY MUD #9	Expanded use of groundwater	GW	0.11	2	Metro	3.31	625.51	2	25
H	MONTGOMERY COUNTY MUD #9	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.59	2	19
H	MONTGOMERY COUNTY MUD #9	Montgomery MUD #8/9 indirect reuse	RU	0.11	2	Metro	3.31	2565.18	1	79
H	MONTGOMERY COUNTY MUD #9	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	MONTGOMERY COUNTY MUD #9	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	671.91	3	67
H	MONTGOMERY COUNTY MUD #9	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	825.51	3	64

H	MONTGOMERY COUNTY UD #2	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.08	2	34
H	MONTGOMERY COUNTY UD #2	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	18
H	MONTGOMERY COUNTY UD #2	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	437.18	3	75
H	MONTGOMERY COUNTY UD #3	Contract with SJRA	CT	0.11	4	Metro	3.31	437.45	2	20
H	MONTGOMERY COUNTY UD #3	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.23	2	52
H	MONTGOMERY COUNTY UD #3	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	26
H	MONTGOMERY COUNTY UD #3	SJRA Water Resources Assessment Plan participation	SW	0.11	4	Metro	3.31	943.68	3	15
H	MONTGOMERY COUNTY UD #3	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	957.18	3	40
H	MONTGOMERY COUNTY UD #4	Contract with SJRA	CT	0.11	4	Metro	3.31	259.51	2	51
H	MONTGOMERY COUNTY UD #4	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.13	2	67
H	MONTGOMERY COUNTY UD #4	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	28
H	MONTGOMERY COUNTY UD #4	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	833.84	3	71
H	MONTGOMERY COUNTY UD #4	SJRA Water Resources Assessment Plan participation	SW	0.11	4	Metro	3.31	867.68	3	60
H	MONTGOMERY COUNTY WCID #1	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.21	2	20
H	MONTGOMERY COUNTY WCID #1	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	MONTGOMERY COUNTY WCID #1	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	643.56	3	32
H	MONTGOMERY	Contract with SJRA	CT	0.11	5	Metro	3.31	822.21	2	56
H	MONTGOMERY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	629.06	2	77
H	MONTGOMERY	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.49	2	66

H	MONTGOMERY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	54
H	MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	977.45	3	27
H	MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	5	Metro	3.31	1050.41	3	44
H	NEEDVILLE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	895.15	2	23
H	NEEDVILLE	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	76
H	NEW CANEY MUD	Expanded use of groundwater	GW	0.11	5	Metro	3.31	681.27	2	63
H	NEW CANEY MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2352.91	2	71
H	NEW CANEY MUD	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	41
H	NEW CANEY MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	786.32	3	16
H	NEW WAVERLY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	626.76	2	70
H	NEW WAVERLY	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	27
H	NORMANGEE	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	568.11	2	71
H	NORMANGEE	Municipal conservation - small water user group	MC	0.11	1	Non-Metro	3.31	0.00	3	36
H	NORTH BELT UD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	636.66	3	59
H	NORTH BELT UD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	28
H	NORTH FORT BEND WATER AUTHORITY	Contract with NFBWA	CT	0.11	2	Metro	3.31	383.81	2	30
H	NORTH FORT BEND WATER AUTHORITY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	708.72	2	21
H	NORTH FORT BEND WATER AUTHORITY	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	36
H	NORTH FORT BEND WATER AUTHORITY	NFBWA internal distribution	TD	0.11	1	Metro	3.31	495.77	1	28

H	NORTH FORT BEND WATER AUTHORITY	NFBWA shared transmission line	TD	0.11	2	Metro	3.31	857.63	1	23
H	NORTH FORT BEND WATER AUTHORITY	Reallocation of existing supplies	REL	0.11	3	Metro	3.31	448.63	1	76
H	NORTH FORT BEND WATER AUTHORITY	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	490.50	1	43
H	NORTH GREEN MUD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	526.68	3	63
H	NORTH GREEN MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	32
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	City of Houston indirect reuse	RU	0.11	4	Metro	3.31	2955.87	1	25
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	Contract with NHCRWA	CT	0.11	2	Metro	3.31	158.56	2	18
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	46
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA indirect reuse	RU	0.11	4	Metro	3.31	1673.65	1	43
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA internal 2010 distribution	TD	0.11	1	Metro	3.31	735.29	1	22
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA internal 2020 distribution	TD	0.11	2	Metro	3.31	757.49	1	48
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA internal 2030 distribution	TD	0.11	3	Metro	3.31	79.49	1	64
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA transmission 2010	TD	0.11	1	Metro	3.31	387.41	1	58
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	NHCRWA transmission 2020	TD	0.11	2	Metro	3.31	378.55	1	36
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	Reallocation of existing supplies	REL	0.11	4	Metro	3.31	0.00	1	67
H	NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	421.81	1	34
H	NORTHWEST HARRIS COUNTY MUD #23	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	36
H	NORTHWEST HARRIS COUNTY MUD #23	NHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	619.00	3	51
H	NORTHWEST PARK MUD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	453.97	3	46

H	NORTHWEST PARK MUD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	63
H	OAK RIDGE NORTH	Contract with SJRA	CT	0.11	4	Metro	3.31	332.91	2	20
H	OAK RIDGE NORTH	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.89	2	69
H	OAK RIDGE NORTH	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	56
H	OAK RIDGE NORTH	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	706.02	3	79
H	OAK RIDGE NORTH	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1359.49	3	64
H	OLD RIVER-WINFREE	Contract with CLCND	CT	0.11	2	Metro	3.31	2462.64	2	74
H	OLD RIVER-WINFREE	Expanded use of groundwater	GW	0.11	5	Metro	3.31	0.00	2	19
H	OLD RIVER-WINFREE	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.22	2	31
H	OLD RIVER-WINFREE	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	73
H	ONALASKA WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	1039.68	2	22
H	ONALASKA	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	709.05	2	37
H	ONALASKA	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	67
H	ORBIT SYSTEMS INC	Contract with BRA	CT	0.11	2	Metro	3.31	3271.30	2	69
H	ORBIT SYSTEMS INC	Expanded use of groundwater	GW	0.11	2	Metro	3.31	809.65	2	62
H	ORBIT SYSTEMS INC	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	16
H	OYSTER CREEK	Contract with Brazosport Water Authority	CT	0.11	1	Metro	3.31	831.01	2	21
H	OYSTER CREEK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	565.58	2	67
H	OYSTER CREEK	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	20
H	PANORAMA VILLAGE	Contract with SJRA	CT	0.11	4	Metro	3.31	50.22	2	59
H	PANORAMA VILLAGE	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.90	2	73

H	PANORAMA VILLAGE	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	69
H	PANORAMA VILLAGE	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	680.86	3	67
H	PANORAMA VILLAGE	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1285.73	3	56
H	PARKWAY UD	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	PARKWAY UD	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	864.83	1	68
H	PASADENA	Expanded use of groundwater	GW	0.11	2	Metro	3.31	520.89	2	21
H	PASADENA	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	34
H	PATTON VILLAGE	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.53	2	71
H	PATTON VILLAGE	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	PATTON VILLAGE	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	679.24	3	58
H	PEARLAND	City of Pearland surface water treatment plant	TD	0.11	1	Metro	3.31	4385.96	1	50
H	PEARLAND	Expanded use of groundwater	GW	0.11	2	Metro	3.31	901.92	2	76
H	PEARLAND	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	21
H	PEARLAND	Reallocation of existing supplies	REL	0.11	3	Metro	3.31	0.00	1	77
H	PECAN GROVE MUD #1	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	58
H	PECAN GROVE MUD #1	Pecan Grove Groundwater Reduction Plan	GW	0.11	1	Metro	3.31	1843.81	3	51
H	PINE ISLAND	Expanded use of groundwater	GW	0.11	2	Metro	3.31	873.80	2	57
H	PINE ISLAND	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	16
H	PINE TRAILS UTILITY	Contract with NCWA	CT	0.11	3	Metro	3.31	262.35	2	32
H	PINE TRAILS UTILITY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	519.25	2	56

H	PINE TRAILS UTILITY	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	46
H	PINE TRAILS UTILITY	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	829.67	1	21
H	PINEY POINT VILLAGE	Contract with City of Houston	CT	0.11	3	Metro	3.31	88.01	2	23
H	PINEY POINT VILLAGE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	527.13	2	15
H	PINEY POINT VILLAGE	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	21
H	PINEY POINT VILLAGE	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	717.72	1	32
H	PLANTATION MUD	City of Sugar Land Groundwater Reduction Plan participation	GW	0.11	2	Metro	3.31	1131.77	3	59
H	PLANTATION MUD	Contract with City of Sugar Land	CT	0.11	2	Metro	3.31	582.83	2	56
H	PLANTATION MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	37
H	PLEAK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	919.46	2	74
H	PLEAK	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	49
H	PLUM GROVE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	816.07	2	25
H	PLUM GROVE	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	43
H	POINT AQUARIUS MUD	Expanded use of groundwater	GW	0.11	3	Metro	3.31	804.90	2	57
H	POINT AQUARIUS MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.77	2	45
H	POINT AQUARIUS MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	30
H	POINT AQUARIUS MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	858.57	3	54
H	POINT BLANK	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	600.26	2	19
H	POINT BLANK	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	20
H	PORTER WSC	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2351.17	2	46

H	PORTER WSC	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	34
H	PORTER WSC	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	551.50	3	60
H	PRAIRIE VIEW	Expanded use of groundwater	GW	0.11	2	Metro	3.31	893.01	2	61
H	PRAIRIE VIEW	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	71
H	RAYFORD ROAD MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2348.93	2	44
H	RAYFORD ROAD MUD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	39
H	RAYFORD ROAD MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	638.38	3	16
H	RAYFORD ROAD MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1255.60	3	59
H	RICHMOND-ROSENBERG	Cities of Richmond-Rosenberg Groundwater Reduction Plan - West Fort Bend surface water treatment plant	TD	0.11	2	Metro	3.31	3125.87	1	42
H	RICHMOND	Municipal conservation	MC	0.11	2	Metro	3.31	0.00	3	44
H	RICHWOOD	Contract with Brazosport Water Authority	CT	0.11	1	Metro	3.31	839.41	2	55
H	RICHWOOD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	536.65	2	50
H	RICHWOOD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	35
H	RIVER PLANTATION MUD	Contract with SJRA	CT	0.11	4	Metro	3.31	1046.03	2	49
H	RIVER PLANTATION MUD	Expanded use of groundwater	GW	0.11	3	Metro	3.31	0.00	2	29
H	RIVER PLANTATION MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.55	2	56
H	RIVER PLANTATION MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	19
H	RIVER PLANTATION MUD	River Plantation Groundwater Reduction Plan - reuse	RU	0.11	1	Metro	3.31	241.50	1	18

H	RIVERSIDE WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	887.43	2	17
H	RIVERSIDE WSC	Municipal conservation - medium water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	72
H	ROLLING FORK PUD	Contract with City of Houston	CT	0.11	3	Metro	3.31	114.08	2	74
H	ROLLING FORK PUD	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	59
H	ROLLING FORK PUD	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	966.92	1	54
H	ROMAN FOREST	Expanded use of groundwater	GW	0.11	2	Metro	3.31	839.22	2	16
H	ROMAN FOREST	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.13	2	56
H	ROMAN FOREST	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	68
H	ROMAN FOREST	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	813.10	3	40
H	ROSENBERG	Municipal conservation	MC	0.11	1	Metro	3.31	0.00	3	34
H	SAN FELIPE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	622.04	2	31
H	SAN FELIPE	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	53
H	SAN JACINTO RIVER AUTHORITY	SJRA Water Resources Assessment Plan	SW	0.11	2	Metro	3.31	2392.86	3	40
H	SAN JACINTO RIVER AUTHORITY	TRA to SJRA contract	CT	0.11	4	Metro	3.31	2451.53	2	67
H	SAN JACINTO WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	611.93	2	41
H	SAN LEON MUD	Contract with GCWA	CT	0.11	2	Metro	3.31	347.49	2	38
H	SAN LEON MUD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	490.96	2	21
H	SEABROOK	Contract with City of Pasadena	CT	0.11	2	Metro	3.31	284.72	2	27
H	SEABROOK	Expanded use of groundwater	GW	0.11	2	Metro	3.31	521.66	2	40
H	SEABROOK	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	17
H	SEABROOK	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	816.99	1	19
H	SEALY	City of Sealy groundwater treatment	TD	0.11	2	Metro	3.31	2770.62	1	18

		expansion								
H	SEALY	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	26
H	SEALY	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	36
H	SHENANDOAH	Contract with SJRA	CT	0.11	4	Metro	3.31	282.98	2	18
H	SHENANDOAH	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2352.00	2	70
H	SHENANDOAH	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	41
H	SHENANDOAH	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	655.61	3	66
H	SHENANDOAH	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1400.92	3	19
H	SHEPHERD	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	600.67	2	51
H	SHEPHERD	Municipal conservation - small water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	80
H	SHOREACRES	Expanded use of groundwater	GW	0.11	2	Metro	3.31	505.00	2	70
H	SIENNA PLANTATION MUD #2	Contract with City of Missouri City	CT	0.11	2	Metro	3.31	417.51	2	75
H	SIENNA PLANTATION MUD #2	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	45
H	SIMONTON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	875.72	2	77
H	SIMONTON	Municipal conservation - small water user group	MC	0.11	4	Metro	3.31	0.00	3	42
H	SOUTH HOUSTON	Expanded use of groundwater	GW	0.11	2	Metro	3.31	529.94	2	36
H	SOUTHERN MONTGOMERY COUNTY MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2351.43	2	73
H	SOUTHERN MONTGOMERY COUNTY MUD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	59
H	SOUTHERN MONTGOMERY COUNTY MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	618.37	3	33

H	SOUTHERN MONTGOMERY COUNTY MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1489.38	3	57
H	SOUTHSIDE PLACE	Contract with City of Houston	CT	0.11	3	Metro	3.31	696.35	2	78
H	SOUTHSIDE PLACE	Expanded use of groundwater	GW	0.11	2	Metro	3.31	512.28	2	32
H	SOUTHSIDE PLACE	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	79
H	SOUTHSIDE PLACE	Reallocation of existing supplies	REL	0.11	2	Metro	3.31	2694.13	1	25
H	SOUTHWEST UTILITIES	Contract with City of Houston	CT	0.11	3	Metro	3.31	209.55	2	50
H	SOUTHWEST UTILITIES	Expanded use of groundwater	GW	0.11	2	Metro	3.31	1017.61	2	24
H	SOUTHWEST UTILITIES	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.49	2	46
H	SOUTHWEST UTILITIES	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	42
H	SOUTHWEST UTILITIES	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	57
H	SOUTHWEST UTILITIES	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	936.63	1	37
H	SOUTHWEST UTILITIES	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	751.49	3	22
H	SPLENDORA	Expanded use of groundwater	GW	0.11	4	Metro	3.31	733.98	2	20
H	SPLENDORA	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.52	2	34
H	SPLENDORA	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	66
H	SPLENDORA	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	819.93	3	51
H	SPRING CREEK UD	Contract with SJRA	CT	0.11	4	Metro	3.31	410.99	2	22
H	SPRING CREEK UD	Expanded use of groundwater	GW	0.11	5	Metro	3.31	0.00	2	56
H	SPRING CREEK UD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.14	2	17
H	SPRING CREEK UD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	19

H	SPRING CREEK UD	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	739.37	3	27
H	SPRING CREEK UD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1398.67	3	59
H	SPRING VALLEY	Contract with City of Houston	CT	0.11	3	Metro	3.31	113.35	2	31
H	SPRING VALLEY	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	76
H	SPRING VALLEY	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	948.27	1	57
H	STAGECOACH	Expanded use of groundwater	GW	0.11	3	Metro	3.31	855.54	2	49
H	STAGECOACH	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.57	2	30
H	STAGECOACH	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	51
H	STAGECOACH	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	905.11	3	50
H	STANLEY LAKE MUD	Contract with SJRA	CT	0.11	4	Metro	3.31	259.26	2	65
H	STANLEY LAKE MUD	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2355.75	2	78
H	STANLEY LAKE MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	35
H	STANLEY LAKE MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	4	Metro	3.31	873.10	3	74
H	STANLEY LAKE MUD	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	930.09	3	56
H	STEAM ELECTRIC POWER, GALVESTON	Contract with GCWA	CT	0.11	2	Non-Metro	3.31	3493.76	2	18
H	STEAM ELECTRIC POWER, GALVESTON	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	0.00	2	39
H	STEAM ELECTRIC POWER, GALVESTON	Interim strategies - temporary overdraft	TOD	0.11	1	Non-Metro	3.31	2140.16	2	18
H	STEAM ELECTRIC POWER, HARRIS	City of Houston indirect reuse	RU	0.11	4	Non-Metro	3.31	1725.16	1	45
H	STEAM ELECTRIC POWER, HARRIS	Contract with City of Houston	CT	0.11	2	Non-Metro	3.31	2714.69	2	35
H	STEAM ELECTRIC POWER, HARRIS	Contract with City of Houston	CT	0.11	2	Non-Metro	3.31	2780.65	2	27

H	STEAM ELECTRIC POWER, HARRIS	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	456.99	2	63
H	STEAM ELECTRIC POWER, HARRIS	Reallocation of existing supplies	REL	0.11	1	Non-Metro	3.31	2400.28	1	31
H	STEAM ELECTRIC POWER, LIBERTY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	785.18	2	62
H	STEAM ELECTRIC POWER, MONTGOMERY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	1005.65	2	32
H	STEAM ELECTRIC POWER, MONTGOMERY	SJRA Water Resources Assessment Plan participation	SW	0.11	5	Non-Metro	3.31	1184.62	3	24
H	SUGAR LAND	City of Sugar Land Groundwater Reduction Plan - reuse	RU	0.11	2	Metro	3.31	3802.31	1	52
H	SUGAR LAND	City of Sugar Land Groundwater Reduction Plan	GW	0.11	2	Metro	3.31	5090.70	3	76
H	SUGAR LAND	Municipal conservation - large water user group	MC	0.11	2	Metro	3.31	0.00	3	70
H	SUNBELT FWSD	City of Houston Groundwater Reduction Plan participation	GW	0.11	3	Metro	3.31	767.26	3	65
H	SUNBELT FWSD	Contract with City of Houston	CT	0.11	2	Metro	3.31	718.02	2	77
H	SUNBELT FWSD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	62
H	SUNBELT FWSD	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1862.57	1	52
H	SURFSIDE BEACH	Expanded use of groundwater	GW	0.11	2	Metro	3.31	860.49	2	22
H	SURFSIDE BEACH	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	21
H	SWEENY	Expanded use of groundwater	GW	0.11	3	Metro	3.31	1095.58	2	36
H	SWEENY	Municipal conservation - medium water user group	MC	0.11	2	Metro	3.31	0.00	3	67
H	TEXAS CITY	Contract with GCWA	CT	0.11	2	Metro	3.31	270.92	2	29
H	THE WOODLANDS	Expanded use of groundwater	GW	0.11	2	Metro	3.31	0.00	2	78
H	THE WOODLANDS	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2172.32	2	69
H	THE WOODLANDS	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	42

H	THE WOODLANDS	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	293.55	3	40
H	TIKI ISLAND	Contract with GCWA	CT	0.11	2	Metro	3.31	2155.06	2	62
H	TIKI ISLAND	Expanded use of groundwater	GW	0.11	2	Metro	3.31	504.96	2	24
H	TOMBALL	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	39
H	TOMBALL	NHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	653.46	3	26
H	TRAIL OF THE LAKES MUD	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	64
H	TRAIL OF THE LAKES MUD	WHCRWA Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	455.84	3	50
H	TRINITY	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	2356.50	2	66
H	VARNER CREEK UD	Expanded use of groundwater	GW	0.11	2	Metro	3.31	827.39	2	56
H	VARNER CREEK UD	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	58
H	WALKER COUNTY RURAL WSC	Expanded use of groundwater	GW	0.11	2	Non-Metro	3.31	580.15	2	21
H	WALKER COUNTY RURAL WSC	Municipal conservation - medium water user group	MC	0.11	2	Non-Metro	3.31	0.00	3	42
H	WALLER	Expanded use of groundwater	GW	0.11	2	Metro	3.31	859.52	2	41
H	WALLER	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	42
H	WALLER	Reallocation of existing supplies	REL	0.11	6	Metro	3.31	2211.77	1	45
H	WALLIS	Expanded use of groundwater	GW	0.11	2	Metro	3.31	623.80	2	25
H	WALLIS	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	68
H	WEBSTER	Expanded use of groundwater	GW	0.11	2	Metro	3.31	523.20	2	27
H	WEST HARDIN WSC	Expanded use of groundwater	GW	0.11	2	Metro	3.31	834.61	2	71
H	WEST HARDIN WSC	Municipal conservation - small water user group	MC	0.11	2	Metro	3.31	0.00	3	75

H	WEST HARRIS COUNTY MUD #6	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	462.30	3	74
H	WEST HARRIS COUNTY MUD #6	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	56
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	Contract with WHCRWA	CT	0.11	2	Metro	3.31	223.33	2	77
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	40
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	118.44	1	45
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	Wastewater reclamation for municipal irrigation	RU	0.11	3	Metro	3.31	422.22	1	35
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	WHCRWA internal distribution	TD	0.11	1	Metro	3.31	1498.30	1	73
H	WEST HARRIS COUNTY REGIONAL WATER AUTHORITY	WHCRWA transmission line	TD	0.11	1	Metro	3.31	786.71	1	40
H	WEST UNIVERSITY PL.	Contract with City of Houston	CT	0.11	3	Metro	3.31	372.33	2	48
H	WEST UNIVERSITY PL.	Expanded use of groundwater	GW	0.11	2	Metro	3.31	498.30	2	55
H	WEST UNIVERSITY PL.	Municipal conservation - large water user group	MC	0.11	1	Metro	3.31	0.00	3	41
H	WEST UNIVERSITY PL.	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	815.10	1	54
H	WILLIS	Contract with SJRA	CT	0.11	4	Metro	3.31	386.41	2	20
H	WILLIS	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.09	2	18
H	WILLIS	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	34
H	WILLIS	SJRA Water Resources Assessment Plan participation	SW	0.11	3	Metro	3.31	728.95	3	31
H	WILLIS	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	1397.36	3	43
H	WILLOW RUN SUBDIVISION	Contract with City of Houston	CT	0.11	3	Metro	3.31	43.91	2	17
H	WILLOW RUN SUBDIVISION	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	54
H	WILLOW RUN SUBDIVISION	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1008.17	1	24

H	WINDFERN FOREST UD	Contract with City of Houston	CT	0.11	3	Metro	3.31	47.61	2	43
H	WINDFERN FOREST UD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	39
H	WINDFERN FOREST UD	Reallocation of existing supplies	REL	0.11	1	Metro	3.31	1055.18	1	38
H	WOODBRANCH	Interim strategies - temporary overdraft	TOD	0.11	1	Metro	3.31	2356.53	2	19
H	WOODBRANCH	Municipal conservation - small water user group	MC	0.11	1	Metro	3.31	0.00	3	52
H	WOODBRANCH	SJRA Water Resources Assessment Plan participation	SW	0.11	2	Metro	3.31	630.79	3	59
H	WOODCREEK MUD	City of Houston Groundwater Reduction Plan participation	GW	0.11	1	Metro	3.31	638.28	3	62
H	WOODCREEK MUD	Municipal conservation - medium water user group	MC	0.11	1	Metro	3.31	0.00	3	73
I	ANGELINA & NECHES RIVER AUTHORITY	Angelina-Neches River Authority Treatment and Distribution System	TD	0.12	1	Non-Metro	0.26	35127250.00	1	25
I	ANGELINA & NECHES RIVER AUTHORITY	New source - Lake Columbia	SW	0.12	2	Non-Metro	0.26	612.59	1	64
I	APPLEBY WSC	Lake Noconiche Regional Supply System	SW	0.12	2	Non-Metro	0.26	2928.23	1	31
I	APPLEBY WSC	Municipal conservation	MC	0.12	4	Non-Metro	0.26	0.00	3	60
I	ATHENS MUNICIPAL WATER AUTHORITY	Forest Grove Reservoir project	SW	0.12	4	Non-Metro	0.26	3961.16	1	30
I	ATHENS MUNICIPAL WATER AUTHORITY	Indirect reuse	RU	0.12	2	Non-Metro	0.26	0.00	1	42
I	ATHENS MUNICIPAL WATER AUTHORITY	New water treatment plant	TD	0.12	6	Non-Metro	0.26	5529.91	1	64

I	ATHENS MUNICIPAL WATER AUTHORITY	Overdraft Carrizo Wilcox Aquifer	GW	0.12	2	Non-Metro	0.26	542.71	1	56
I	ATHENS	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	1	37
I	BROWNSBORO	Overdraft Carrizo Wilcox Aquifer	GW	0.12	6	Non-Metro	0.26	3715.00	3	43
I	BULLARD	Municipal conservation	MC	0.12	2	Non-Metro	0.26	0.00	3	80
I	BULLARD	New wells - Carrizo Wilcox Aquifer	GW	0.12	2	Non-Metro	0.26	436.68	3	53
I	CENTER	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	3	68
I	COMMUNITY WATER COMPANY	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Metro	0.26	1603.89	1	47
I	COUNTY-OTHER, ANDERSON	New wells - Queen City Aquifer	GW	0.12	6	Metro	0.26	2127.32	2	53
I	COUNTY-OTHER, ANDERSON	Overdraft Carrizo Wilcox Aquifer	GW	0.12	4	Metro	0.26	873.96	3	61
I	COUNTY-OTHER, ANGELINA	New wells - Yegua Jackson Aquifer	GW	0.12	3	Non-Metro	0.26	466.35	2	71
I	COUNTY-OTHER, ANGELINA	Purchase water from provider (2)	CT	0.12	5	Non-Metro	0.26	0.00	1	20
I	COUNTY-OTHER, ANGELINA	Purchase water from provider (2)	CT	0.12	3	Non-Metro	0.26	3118.82	2	32
I	COUNTY-OTHER, HARDIN	New wells - Gulf Coast Aquifer	GW	0.12	4	Metro	0.26	0.00	2	31
I	COUNTY-OTHER, HARDIN	Overdraft Gulf Coast Aquifer	GW	0.12	1	Metro	0.26	279.84	2	23
I	COUNTY-OTHER, HENDERSON	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	3	33
I	COUNTY-OTHER, HENDERSON	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	2033.00	3	71
I	COUNTY-OTHER, HENDERSON	New wells - Queen City Aquifer	GW	0.12	1	Non-Metro	0.26	4652.74	3	18
I	COUNTY-OTHER, HENDERSON	Overdraft Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	0.00	3	71
I	COUNTY-OTHER, HENDERSON	Purchase water from provider (2)	CT	0.12	2	Non-Metro	0.26	5766.03	5	75
I	COUNTY-OTHER, JASPER	New wells - Gulf Coast Aquifer	GW	0.12	1	Non-Metro	0.26	798.96	3	30
I	COUNTY-OTHER, JASPER	Overdraft Gulf Coast Aquifer	GW	0.12	1	Non-Metro	0.26	415.14	3	19
I	COUNTY-OTHER, NACOGDOCHES	Lake Noconiche Regional Supply System	SW	0.12	2	Non-Metro	0.26	2928.24	1	37
I	COUNTY-OTHER, ORANGE	Overdraft Gulf Coast Aquifer	GW	0.12	1	Metro	0.26	514.55	2	16

I	COUNTY-OTHER, POLK	New wells - Gulf Coast Aquifer	GW	0.12	1	Non-Metro	0.26	798.70	2	22
I	COUNTY-OTHER, SABINE	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	1141.81	1	54
I	COUNTY-OTHER, SHELBY	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	1424.00	1	53
I	COUNTY-OTHER, SHELBY	Purchase water from provider (1)	CT	0.12	1	Non-Metro	0.26	0.00	1	78
I	COUNTY-OTHER, SHELBY	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	3360.17	1	61
I	COUNTY-OTHER, TRINITY	New wells - Yegua Jackson Aquifer	GW	0.12	4	Non-Metro	0.26	1388.06	2	37
I	COUNTY-OTHER, TYLER	New wells - Gulf Coast Aquifer	GW	0.12	2	Non-Metro	0.26	291.83	1	24
I	D&M WSC	New wells - Carrizo Wilcox Aquifer	GW	0.12	3	Non-Metro	0.26	397.05	1	39
I	DIBOLL	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	3	78
I	DIBOLL	New wells - Yegua Jackson Aquifer	GW	0.12	1	Non-Metro	0.26	160.16	3	18
I	DIBOLL	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	967.97	1	60
I	FOUR WAY WSC	Purchase water from provider (2)	CT	0.12	6	Non-Metro	0.26	2974.19	1	52
I	FRANKSTON	Municipal conservation	MC	0.12	3	Metro	0.26	0.00	3	66
I	FRANKSTON	New wells - Carrizo Wilcox Aquifer	GW	0.12	3	Metro	0.26	528.82	2	50
I	HOUSTON COUNTY WCID #1	Permit amendment - Houston County Lake	SW	0.12	1	Non-Metro	0.26	0.00	1	58
I	HUDSON WSC	New wells - Carrizo Wilcox Aquifer	GW	0.12	3	Non-Metro	0.26	629.65	2	68
I	IRRIGATION, HARDIN	Purchase water from provider (2)	CT	0.12	1	Metro	0.26	400.03	2	26
I	IRRIGATION, HOUSTON	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	359.53	2	21
I	IRRIGATION, SAN AUGUSTINE	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	374.48	1	63
I	IRRIGATION, SMITH	New wells - Queen City Aquifer	GW	0.12	1	Metro	0.26	580.83	2	31
I	JACKSONVILLE	Infrastructure improvements	FAC	0.12	1	Non-Metro	0.26	166.67	1	43
I	JACKSONVILLE	Purchase water from provider (3)	CT	0.12	2	Non-Metro	0.26	2251.02	1	77

I	KIRBYVILLE	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	3	46
I	LILLY GROVE SUD	Lake Noconiche Regional Supply System	SW	0.12	5	Non-Metro	0.26	7320.60	1	35
I	LILLY GROVE SUD	New wells - Carrizo Wilcox Aquifer	GW	0.12	5	Non-Metro	0.26	580.50	1	46
I	LINDALE RURAL WSC	Municipal conservation	MC	0.12	3	Metro	0.26	0.00	3	26
I	LINDALE RURAL WSC	New wells - Carrizo Wilcox Aquifer	GW	0.12	6	Metro	0.26	4340.74	3	21
I	LIVESTOCK, ANGELINA	Expand local surface water supplies	SW	0.12	4	Non-Metro	0.26	625.19	3	75
I	LIVESTOCK, HOUSTON	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	663.51	2	56
I	LIVESTOCK, HOUSTON	New wells - Yegua Jackson Aquifer	GW	0.12	1	Non-Metro	0.26	879.29	2	68
I	LIVESTOCK, NACOGDOCHES	New wells - Carrizo Wilcox Aquifer	GW	0.12	3	Non-Metro	0.26	600.06	2	22
I	LIVESTOCK, SABINE	Expand local surface water supplies	SW	0.12	1	Non-Metro	0.26	581.90	2	52
I	LIVESTOCK, SABINE	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	503.18	1	62
I	LIVESTOCK, SAN AUGUSTINE	Expand local surface water supplies	SW	0.12	2	Non-Metro	0.26	662.00	3	64
I	LIVESTOCK, SAN AUGUSTINE	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	344.67	1	78
I	LIVESTOCK, SHELBY	Expand local surface water supplies	SW	0.12	3	Non-Metro	0.26	344.80	2	26
I	LIVESTOCK, SHELBY	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	142.85	2	48
I	LIVESTOCK, SHELBY	Purchase water from provider (2)	CT	0.12	4	Non-Metro	0.26	396.93	1	70
I	LOWER NECHES VALLEY AUTHORITY	Permit amendment for Sam Rayburn Reservoir	SW	0.12	2	Metro	0.26	0.00	1	20
I	LOWER NECHES VALLEY AUTHORITY	Purchase water from provider (2)	CT	0.12	5	Metro	0.26	544.00	1	25
I	LOWER NECHES VALLEY AUTHORITY	Reallocation of flood storage (Rayburn)	REL	0.12	5	Metro	0.26	0.00	1	69
I	LOWER NECHES VALLEY AUTHORITY	Saltwater barrier conjunctive operation with Rayburn/Steinhagen	DS	0.12	2	Metro	0.26	3.60	2	17
I	LOWER NECHES VALLEY AUTHORITY	Wholesale customer conservation	GC	0.12	1	Metro	0.26	7.07	3	79

I	LUFKIN	Angelina County Regional Project	GW	0.12	4	Non-Metro	0.26	1580.85	1	48
I	LUFKIN	Lake Kurth Regional System	SW	0.12	1	Non-Metro	0.26	571.75	1	67
I	LUFKIN	Municipal conservation	MC	0.12	1	Non-Metro	0.26	0.00	1	16
I	LUFKIN	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	505.27	1	19
I	MANUFACTURING , ANGELINA	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	209.66	1	59
I	MANUFACTURING , HARDIN	New wells - Gulf Coast Aquifer	GW	0.12	1	Non-Metro	0.26	627.99	2	26
I	MANUFACTURING , NEWTON	New wells - Gulf Coast Aquifer	GW	0.12	1	Non-Metro	0.26	247.65	1	21
I	MANUFACTURING , ORANGE	Purchase water from provider (1)	CT	0.12	1	Non-Metro	0.26	0.00	1	69
I	MANUFACTURING , ORANGE	Purchase water from provider (2)	CT	0.12	5	Non-Metro	0.26	0.00	1	60
I	MANUFACTURING , PANOLA	Purchase water from provider (1)	CT	0.12	1	Non-Metro	0.26	0.00	1	74
I	MANUFACTURING , POLK	New wells - Gulf Coast Aquifer	GW	0.12	2	Non-Metro	0.26	322.97	2	42
I	MANUFACTURING , SAN AUGUSTINE	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	555.00	1	21
I	MANUFACTURING , SHELBY	Purchase water from provider (1)	CT	0.12	5	Non-Metro	0.26	0.00	1	26
I	MANUFACTURING , SMITH	Purchase water from provider (2)	CT	0.12	3	Non-Metro	0.26	1254.16	1	63
I	MAURICEVILLE SUD	New wells - Gulf Coast Aquifer	GW	0.12	2	Non-Metro	0.26	542.71	2	62
I	MINING , SAN AUGUSTINE	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	2627.85	1	26
I	MINING , SAN AUGUSTINE	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	1094.99	2	40
I	MINING , SHELBY	Purchase water from provider (1)	CT	0.12	1	Non-Metro	0.26	2565.30	2	29
I	MINING , SHELBY	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	3086.80	1	45
I	MINING, ANDERSON	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	370.11	2	46
I	MINING, ANGELINA	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	965.53	1	15

I	MINING, CHEROKEE	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	1809.65	1	44
I	MINING, JEFFERSON	New wells - Gulf Coast Aquifer	GW	0.12	5	Non-Metro	0.26	7363.07	2	73
I	MINING, NACOGDOCHES	Purchase water from provider (2)	CT	0.12	1	Non-Metro	0.26	1009.84	1	56
I	MINING, RUSK	New wells - Carrizo Wilcox Aquifer	GW	0.12	4	Non-Metro	0.26	509.70	2	80
I	MINING, SMITH	New wells - Queen City Aquifer	GW	0.12	1	Non-Metro	0.26	536.35	2	19
I	NACOGDOCHES	Municipal conservation	MC	0.12	2	Non-Metro	0.26	0.00	3	76
I	NACOGDOCHES	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	162.32	1	30
I	NACOGDOCHES	Purchase water from provider (3)	CT	0.12	5	Non-Metro	0.26	0.00	1	30
I	NACOGDOCHES	Purchase water from provider (3)	CT	0.12	2	Non-Metro	0.26	871.99	1	55
I	NEW SUMMERFIELD	Municipal conservation	MC	0.12	2	Non-Metro	0.26	0.00	3	60
I	RUSK	Municipal conservation	MC	0.12	4	Non-Metro	0.26	0.00	3	40
I	RUSK	Purchase water from provider (2)	CT	0.12	2	Non-Metro	0.26	1895.72	1	15
I	STEAM ELECTRIC POWER, ANDERSON	Purchase water from provider (2)	CT	0.12	2	Non-Metro	0.26	228.05	1.5	78
I	STEAM ELECTRIC POWER, ANGELINA	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	287.48	1	49
I	STEAM ELECTRIC POWER, JEFFERSON	Purchase water from provider (1)	CT	0.12	2	Non-Metro	0.26	105.18	3	76
I	STEAM ELECTRIC POWER, NACOGDOCHES	Purchase water from provider (2)	CT	0.12	2	Non-Metro	0.26	256.41	1	32
I	STEAM ELECTRIC POWER, NACOGDOCHES	Purchase water from provider (2)	CT	0.12	2	Non-Metro	0.26	1183.76	2	67
I	STEAM ELECTRIC POWER, NEWTON	Purchase water from provider (2)	CT	0.12	3	Non-Metro	0.26	208.59	1	39
I	STEAM ELECTRIC POWER, RUSK	Purchase water from provider (2)	CT	0.12	5	Non-Metro	0.26	439.35	1	16
I	STEAM ELECTRIC POWER, RUSK	Purchase water from provider (2)	CT	0.12	6	Non-Metro	0.26	1016.52	1	57
I	SWIFT WSC	Lake Noconiche Regional Supply System	SW	0.12	3	Non-Metro	0.26	3660.31	1	33
I	SWIFT WSC	New wells - Carrizo Wilcox Aquifer	GW	0.12	1	Non-Metro	0.26	237.22	2	68

I	TYLER	Lake Palestine infrastructure	TD	0.12	3	Metro	0.26	1180.33	1	41
I	UPPER NECHES MWD	Fastrill replacement (Region I component)	SW	0.12	6	Metro	0.26	0.00	1	30
I	WHITEHOUSE	Purchase water from provider (3)	CT	0.12	1	Metro	0.26	0.00	1	68
I	WOODVILLE	New wells - Gulf Coast Aquifer	GW	0.12	2	Non-Metro	0.26	340.93	1	31
J	BANDERA	Conservation: public information	GC	0.01	1	Metro	-0.43	0.00	5	36
J	BANDERA	Surface water acquisition, treatment and aquifer storage and recovery	ASR	0.01	2	Metro	-0.43	4367.76	3	50
J	BRACKETTVILLE	Conservation: system water audit and water loss audit	MC	0.01	1	Non-Metro	-0.43	0.00	5	18
J	CAMP WOOD	Conservation: public information	GC	0.01	1	Non-Metro	-0.43	0.00	5	60
J	CAMP WOOD	Groundwater wells	GW	0.01	1	Non-Metro	-0.43	239.58	2	74
J	COUNTY-OTHER, EDWARDS	Additional groundwater wells	GW	0.01	1	Non-Metro	-0.43	496.08	2	75
J	COUNTY-OTHER, EDWARDS	Conservation: public information	GC	0.01	1	Non-Metro	-0.43	0.00	5	68
J	COUNTY-OTHER, EDWARDS	Replace pressure tank	TD	0.01	1	Non-Metro	-0.43	7000.00	1	61
J	COUNTY-OTHER, KERR	Conservation: brush management	BC	0.01	1	Non-Metro	-0.43	62.50	4	39
J	COUNTY-OTHER, KERR	Conservation: public information	GC	0.01	1	Non-Metro	-0.43	0.00	5	61
J	COUNTY-OTHER, KERR	Surface water acquisition, treatment and aquifer storage and recovery	ASR	0.01	2	Non-Metro	-0.43	3025.82	3	71
J	COUNTY-OTHER, KERR	Surface water storage	SW	0.01	2	Non-Metro	-0.43	1257.81	3	74
J	COUNTY-OTHER, REAL	Additional groundwater wells	GW	0.01	1	Non-Metro	-0.43	154.27	2	41
J	COUNTY-OTHER, REAL	Conservation: system water audit and water loss audit	MC	0.01	1	Non-Metro	-0.43	0.00	5	70
J	KERRVILLE	Conservation: public information	GC	0.01	1	Non-Metro	-0.43	0.00	5	38
J	KERRVILLE	Conservation: system water audit and water loss audit	MC	0.01	1	Non-Metro	-0.43	0.00	5	53
J	KERRVILLE	Increased water treatment and aquifer storage and recovery capacity	ASR	0.01	1	Non-Metro	-0.43	494.79	3	45
J	KERRVILLE	Purchase water from UGRA	CT	0.01	3	Non-Metro	-0.43	0.00	3	16

K	AQUA WSC	Additional municipal conservation	MC	0.13	4	Metro	4.45	0.00	3	64
K	AQUA WSC	Drought management	DM	0.13	6	Metro	4.45	0.00	1	44
K	AQUA WSC	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	3	Metro	4.45	342.02	2	26
K	AUSTIN	City of Austin conservation	MC	0.13	1	Metro	4.45	0.00	3	24
K	AUSTIN	City of Austin direct reuse (municipal and manufacturing)	RU	0.13	1	Metro	4.45	2045.08	1	36
K	AUSTIN	City of Austin direct reuse (steam-electric)	RU	0.13	1	Metro	4.45	6445.95	1	56
K	AUSTIN	City of Austin return flows	RF	0.13	1	Metro	4.45	0.00	1	60
K	AUSTIN	Downstream return flows	RF	0.13	3	Metro	4.45	0.00	1	43
K	BARTON CREEK WEST WSC	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	18
K	BARTON CREEK WEST WSC	Purchase water from West Travis County Regional Water Supply	CT	0.13	1	Metro	4.45	0.00	2	58
K	BASTROP COUNTY WCID #2	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	6	Metro	4.45	0.00	2	33
K	BASTROP	Expansion of other aquifer	GW	0.13	2	Metro	4.45	233.01	2	77
K	BASTROP	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	56
K	BEE CAVE VILLAGE	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	29
K	BEE CAVE VILLAGE	Purchase water from West Travis County Regional Water Supply	CT	0.13	1	Metro	4.45	0.00	2	52
K	BERTRAM	Expansion of Ellenburger-San Saba Aquifer	GW	0.13	6	Non-Metro	4.45	0.00	2	59
K	BERTRAM	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	71
K	BRIARCLIFF VILLAGE	Amend LCRA contract	CT	0.13	4	Metro	4.45	0.00	2	19
K	BRIARCLIFF VILLAGE	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	75
K	BUDA	Development of Carrizo-Wilcox Aquifer	GW	0.13	2	Metro	4.45	807.02	3	52
K	BUDA	Development of saline zone of Edwards-Balcones Fault Zone Aquifer	BW	0.13	6	Metro	4.45	2782.25	1	32
K	CIMARRON PARK WATER COMPANY	Development of saline zone of Edwards-Balcones Fault Zone Aquifer	BW	0.13	3	Metro	4.45	981.97	1	38
K	CIMARRON PARK WATER COMPANY	Drought management	DM	0.13	1	Metro	4.45	0.00	1	56
K	CIMARRON PARK WATER COMPANY	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	27

K	CIMARRON PARK WATER COMPANY	Water allocation	REL	0.13	1	Metro	4.45	0.00	1	21
K	COTTONWOOD SHORES	Amend LCRA contract	CT	0.13	1	Non-Metro	4.45	0.00	2	74
K	COUNTY-OTHER, BASTROP	Additional municipal conservation	MC	0.13	4	Metro	4.45	0.00	3	60
K	COUNTY-OTHER, BASTROP	Development of Carrizo-Wilcox Aquifer	GW	0.13	5	Metro	4.45	2447.04	3	21
K	COUNTY-OTHER, BASTROP	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	2	Metro	4.45	350.84	2	52
K	COUNTY-OTHER, BLANCO	Development of Ellenburger-San Saba Aquifer	GW	0.13	5	Non-Metro	4.45	18829.62	3	57
K	COUNTY-OTHER, BURNET	Expansion of Ellenburger-San Saba Aquifer	GW	0.13	4	Non-Metro	4.45	3485.15	2	56
K	COUNTY-OTHER, BURNET	Expansion of Trinity Aquifer	GW	0.13	3	Non-Metro	4.45	993.85	2	47
K	COUNTY-OTHER, COLORADO	Expansion of Gulf Coast Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	53
K	COUNTY-OTHER, FAYETTE	Expansion of Gulf Coast Aquifer	GW	0.13	4	Non-Metro	4.45	0.00	2	48
K	COUNTY-OTHER, FAYETTE	Expansion of Sparta Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	43
K	COUNTY-OTHER, HAYS	Development of saline zone of Edwards-Balcones Fault Zone Aquifer	BW	0.13	2	Metro	4.45	1027.29	1	51
K	COUNTY-OTHER, HAYS	Purchase water from City of Austin	CT	0.13	1	Metro	4.45	345.48	2	33
K	COUNTY-OTHER, LLANO	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	69
K	COUNTY-OTHER, MILLS	Expansion of Trinity Aquifer	GW	0.13	5	Non-Metro	4.45	0.00	2	57
K	CREEDMOOR-MAHA WSC	New LCRA contracts	CT	0.13	2	Metro	4.45	0.00	2	73
K	DRIPPING SPRINGS WSC	Amend LCRA contract	CT	0.13	4	Metro	4.45	0.00	2	75
K	DRIPPING SPRINGS	Amend LCRA contract	CT	0.13	1	Metro	4.45	0.00	2	40
K	DRIPPING SPRINGS	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	23
K	ELGIN	Drought management	DM	0.13	6	Metro	4.45	0.00	1	76
K	ELGIN	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	2	Metro	4.45	304.87	2	80
K	ELGIN	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	60
K	ELGIN	New LCRA contracts	CT	0.13	6	Metro	4.45	5852.00	2	18
K	FAYETTE WSC	Development of other aquifer	GW	0.13	3	Non-Metro	4.45	1598.16	3	59
K	FAYETTE WSC	Expansion of Gulf Coast Aquifer	GW	0.13	2	Non-Metro	4.45	296.83	2	18
K	GOFORTH WSC	Water transfer	TRAN	0.13	1	Metro	4.45	0.00	1	54
K	GOLDTHWAITE	Drought management	DM	0.13	1	Non-Metro	4.45	0.00	1	47

K	GOLDTHWAITE	Expansion of Trinity Aquifer	GW	0.13	1	Non-Metro	4.45	1033.58	2	31
K	GOLDTHWAITE	Goldthwaite Channel Dam	SW	0.13	1	Non-Metro	4.45	1023.22	3	51
K	GOLDTHWAITE	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	48
K	GRANITE SHOALS	Amend LCRA contract	CT	0.13	5	Non-Metro	4.45	0.00	2	63
K	IRRIGATION, BASTROP	Expansion of Queen City Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	80
K	IRRIGATION, BASTROP	Temporary drought period use of Queen City Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	18
K	IRRIGATION, COLORADO	City of Austin return flows	RF	0.13	1	Non-Metro	4.45	0.00	1	63
K	IRRIGATION, COLORADO	Downstream return flows	RF	0.13	3	Non-Metro	4.45	0.00	1	53
K	IRRIGATION, COLORADO	Irrigation district conveyance improvements	TD	0.13	2	Non-Metro	4.45	0.00	1	55
K	IRRIGATION, FAYETTE	Expansion of Sparta Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	54
K	IRRIGATION, MATAGORDA	City of Austin return flows	RF	0.13	1	Non-Metro	4.45	0.00	1	68
K	IRRIGATION, MATAGORDA	Downstream return flows	RF	0.13	3	Non-Metro	4.45	0.00	1	30
K	IRRIGATION, MATAGORDA	House Bill 1437 on-farm conservation	IC	0.13	5	Non-Metro	4.45	100.85	3	32
K	IRRIGATION, MATAGORDA	Irrigation district conveyance improvements	TD	0.13	2	Non-Metro	4.45	0.00	1	62
K	IRRIGATION, MILLS	Expansion of Trinity Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	37
K	IRRIGATION, MILLS	Water allocation	REL	0.13	1	Non-Metro	4.45	0.00	1	48
K	IRRIGATION, WHARTON	City of Austin return flows	RF	0.13	1	Non-Metro	4.45	0.00	1	48
K	IRRIGATION, WHARTON	Downstream return flows	RF	0.13	3	Non-Metro	4.45	0.00	1	20
K	IRRIGATION, WHARTON	House Bill 1437 on-farm conservation	IC	0.13	1	Non-Metro	4.45	25.45	3	65
K	IRRIGATION, WHARTON	Irrigation district conveyance improvements	TD	0.13	2	Non-Metro	4.45	0.00	1	39
K	JONESTOWN	Amend LCRA contract	CT	0.13	1	Metro	4.45	0.00	2	21
K	KINGSLAND WSC	Amend LCRA contract	CT	0.13	1	Non-Metro	4.45	0.00	2	27
K	LAKE LBJ MUD	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	62
K	LAKEWAY	Amend LCRA contract	CT	0.13	1	Metro	4.45	0.00	2	17
K	LAKEWAY	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	39
K	LIVESTOCK, BURNET	Expansion of Trinity Aquifer	GW	0.13	1	Non-Metro	4.45	1643.33	2	73
K	LIVESTOCK, COLORADO	Expansion of Gulf Coast Aquifer	GW	0.13	1	Non-Metro	4.45	1643.33	2	80
K	LIVESTOCK, FAYETTE	Development of other aquifer	GW	0.13	1	Non-Metro	4.45	1643.33	3	49
K	LIVESTOCK, LLANO	Expansion of Hickory Aquifer	GW	0.13	1	Non-Metro	4.45	1643.33	2	77

K	LIVESTOCK, MATAGORDA	Expansion of Gulf Coast Aquifer	GW	0.13	1	Non-Metro	4.45	1643.33	2	27
K	LLANO	Development of Ellenburger-San Saba Aquifer	GW	0.13	1	Non-Metro	4.45	1263.74	3	77
K	LLANO	Development of Hickory Aquifer	GW	0.13	1	Non-Metro	4.45	2140.93	3	41
K	LLANO	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	43
K	LOWER COLORADO RIVER AUTHORITY	Amend LCRA contract	CT	0.13	1	Metro	4.45	0.00	2	58
K	LOWER COLORADO RIVER AUTHORITY	Aquifer storage and recovery	ASR	0.13	4	Metro	4.45	5623.70	1	39
K	LOWER COLORADO RIVER AUTHORITY	Conjunctive use of groundwater - includes overdraft	CU	0.13	2	Metro	4.45	0.00	1	23
K	LOWER COLORADO RIVER AUTHORITY	Development of new rice varieties	IC	0.13	2	Metro	4.45	0.00	3	61
K	LOWER COLORADO RIVER AUTHORITY	Enhanced municipal and industrial conservation	MIC	0.13	3	Metro	4.45	0.00	3	72
K	LOWER COLORADO RIVER AUTHORITY	Firm-up run-of-river with off-channel reservoir - LCRA/SAWS project (Region K Component)	SW	0.13	6	Metro	4.45	0.00	1	73
K	LOWER COLORADO RIVER AUTHORITY	LCRA Water Management Plan interruptible water supply	WR	0.13	1	Metro	4.45	0.00	1	65
K	LOWER COLORADO RIVER AUTHORITY	On-farm conservation	IC	0.13	2	Metro	4.45	0.00	3	78
K	LOWER COLORADO RIVER AUTHORITY	Reuse by Highland Lakes communities	RU	0.13	2	Metro	4.45	909.71	1	65
K	MANOR	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	18
K	MANOR	New LCRA contracts	CT	0.13	2	Metro	4.45	0.00	2	66
K	MANUFACTURING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	46
K	MANUFACTURING, FAYETTE	Expansion of Gulf Coast Aquifer	GW	0.13	4	Non-Metro	4.45	0.00	2	50
K	MANUFACTURING, FAYETTE	Expansion of Sparta Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	78
K	MANUFACTURING, HAYS	Development of Trinity Aquifer	GW	0.13	3	Non-Metro	4.45	4184.63	3	46
K	MANUFACTURING, HAYS	Drought management	DM	0.13	1	Non-Metro	4.45	0.00	1	79
K	MANUFACTURING, MATAGORDA	Temporary drought period use of Gulf Coast Aquifer	GW	0.13	6	Non-Metro	4.45	0.00	2	75

K	MANUFACTURING, WHARTON	Expansion of Gulf Coast Aquifer	GW	0.13	6	Non-Metro	4.45	0.00	2	46
K	MANVILLE WSC	New LCRA contracts	CT	0.13	3	Metro	4.45	0.00	2	52
K	MARBLE FALLS	Amend LCRA contract	CT	0.13	3	Non-Metro	4.45	0.00	2	55
K	MARBLE FALLS	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	32
K	MEADOWLAKES	Amend LCRA contract	CT	0.13	1	Non-Metro	4.45	0.00	2	67
K	MEADOWLAKES	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	44
K	MINING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	1	Non-Metro	4.45	249.80	2	47
K	MINING, BURNET	Expansion of Ellenburger-San Saba Aquifer	GW	0.13	1	Non-Metro	4.45	1290.62	2	29
K	MINING, BURNET	Expansion of Trinity Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	31
K	MINING, COLORADO	Development of other aquifer	GW	0.13	1	Non-Metro	4.45	0.00	3	74
K	MINING, COLORADO	Expansion of Gulf Coast Aquifer	GW	0.13	1	Non-Metro	4.45	0.00	2	24
K	MINING, FAYETTE	Expansion of Gulf Coast Aquifer	GW	0.13	2	Non-Metro	4.45	0.00	2	79
K	MOUNTAIN CITY	Drought management	DM	0.13	1	Metro	4.45	0.00	1	30
K	MOUNTAIN CITY	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	77
K	PFLUGERVILLE	Amend LCRA contract	CT	0.13	5	Metro	4.45	0.00	2	36
K	PFLUGERVILLE	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	24
K	POLONIA WSC	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	2	Metro	4.45	0.00	2	56
K	RICHLAND SUD	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	17
K	RIVER PLACE ON LAKE AUSTIN	Amend LCRA contract	CT	0.13	1	Metro	4.45	0.00	2	65
K	RIVER PLACE ON LAKE AUSTIN	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	34
K	ROLLINGWOOD	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	52
K	ROLLINGWOOD	New LCRA contracts	CT	0.13	2	Metro	4.45	0.00	2	32
K	ROUND ROCK	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	23
K	SCHULENBURG	Expansion of Yegua-Jackson Aquifer	GW	0.13	6	Non-Metro	4.45	0.00	2	73
K	SCHULENBURG	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	35
K	SMITHVILLE	Development of Queen City Aquifer	GW	0.13	6	Metro	4.45	7224.37	3	39
K	SMITHVILLE	Drought management	DM	0.13	6	Metro	4.45	0.00	1	71
K	SMITHVILLE	Expansion of Carrizo-Wilcox Aquifer	GW	0.13	1	Metro	4.45	283.00	2	34
K	SMITHVILLE	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	45

K	STEAM ELECTRIC POWER, BASTROP	Amend LCRA contract	CT	0.13	4	Non-Metro	4.45	0.00	2	71
K	STEAM ELECTRIC POWER, FAYETTE	New LCRA contracts	CT	0.13	4	Non-Metro	4.45	0.00	2	21
K	STEAM ELECTRIC POWER, MATAGORDA	Blend brackish surface water in South Texas Project Nuclear Operating Company Reservoir	BW	0.13	2	Non-Metro	4.45	0.00	1	72
K	STEAM ELECTRIC POWER, MATAGORDA	City of Austin return flows	RF	0.13	1	Non-Metro	4.45	0.00	1	45
K	STEAM ELECTRIC POWER, MATAGORDA	Downstream return flows	RF	0.13	3	Non-Metro	4.45	0.00	1	32
K	STEAM ELECTRIC POWER, MATAGORDA	Expand supply from South Texas Project Nuclear Operating Company Reservoir	RU	0.13	1	Non-Metro	4.45	0.00	1	63
K	STEAM ELECTRIC POWER, MATAGORDA	New LCRA contracts	CT	0.13	2	Non-Metro	4.45	0.00	2	56
K	STEAM ELECTRIC POWER, MATAGORDA	Water right permit amendment	WR	0.13	2	Non-Metro	4.45	0.00	1	60
K	STEAM ELECTRIC POWER, WHARTON	Development of Gulf Coast Aquifer	GW	0.13	6	Non-Metro	4.45	2000.00	3	25
K	TRAVIS COUNTY WCID #18	Amend LCRA contract	CT	0.13	4	Metro	4.45	0.00	2	45
K	WEST LAKE HILLS	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	47
K	WEST LAKE HILLS	New LCRA contracts	CT	0.13	2	Metro	4.45	0.00	2	52
K	WEST TRAVIS COUNTY REGIONAL WS	Municipal conservation	MC	0.13	1	Metro	4.45	0.00	3	40
K	WHARTON	Municipal conservation	MC	0.13	1	Non-Metro	4.45	0.00	3	67
K	WINDERMERE UTILITY COMPANY	New LCRA contracts	CT	0.13	2	Metro	4.45	0.00	2	50
L	ALAMO HEIGHTS	Drought management	DM	0.06	1	Metro	3.03	0.00	1	52
L	ALAMO HEIGHTS	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	47
L	ALAMO HEIGHTS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	71
L	AQUA WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	54
L	AQUA WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Metro	3.03	820.51	1	28
L	AQUA WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	16
L	ASHERTON	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	60
L	ATASCOSA RURAL WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	27
L	ATASCOSA RURAL WSC	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	68

L	ATASCOSA RURAL WSC	Facilities expansion	FAC	0.06	1	Metro	3.03	72433000.00	1	76
L	ATASCOSA RURAL WSC	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	44
L	BALCONES HEIGHTS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	21
L	BENTON CITY WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	3	Metro	3.03	1083.79	1	36
L	BENTON CITY WSC	Municipal water conservation	MC	0.06	4	Metro	3.03	0.00	1	61
L	BEXAR MET WATER DISTRICT	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	79
L	BEXAR MET WATER DISTRICT	Local groundwater (Trinity Aquifer)	GW	0.06	1	Metro	3.03	798.78	1	32
L	BEXAR MET WATER DISTRICT	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Metro	3.03	809.46	1	25
L	BEXAR MET WATER DISTRICT	Medina Lake firm-up (aquifer storage and recovery)	ASR	0.06	1	Metro	3.03	2453.72	1	44
L	BEXAR MET WATER DISTRICT	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	58
L	BIG WELLS	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	66
L	BOERNE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	51
L	BULVERDE CITY	Drought management	DM	0.06	1	Metro	3.03	0.00	1	28
L	BULVERDE CITY	Municipal water conservation	MC	0.06	3	Metro	3.03	0.00	1	34
L	BULVERDE CITY	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	78
L	CANYON LAKE WSC	Municipal water conservation	MC	0.06	2	Metro	3.03	0.00	1	38
L	CANYON REGIONAL WATER AUTHORITY	Brackish groundwater desalination (Wilcox Aquifer)	DS	0.06	3	Metro	3.03	2897.26	1	44
L	CANYON REGIONAL WATER AUTHORITY	CRWA Siesta project	CU	0.06	3	Metro	3.03	3316.45	1	60
L	CANYON REGIONAL WATER AUTHORITY	CRWA Wells Ranch project Phase I	GW	0.06	1	Metro	3.03	0.00	1	68
L	CANYON REGIONAL WATER AUTHORITY	CRWA Wells Ranch project Phase II (including Gonzales County)	GW	0.06	1	Metro	3.03	1003.16	1	46

L	CANYON REGIONAL WATER AUTHORITY	Hays/Caldwell Public Utility Authority Project (including Gonzales County)	GW	0.06	2	Metro	3.03	2058.17	1	70
L	CARRIZO SPRINGS	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	57
L	CASTLE HILLS	Drought management	DM	0.06	1	Metro	3.03	0.00	1	17
L	CASTLE HILLS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	43
L	CASTROVILLE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	20
L	CASTROVILLE	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	79
L	CASTROVILLE	Facilities expansion	FAC	0.06	1	Metro	3.03	11046000.00	1	60
L	CASTROVILLE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	29
L	CHARLOTTE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	33
L	CHARLOTTE	Facilities expansion	FAC	0.06	1	Metro	3.03	38356000.00	1	41
L	CHARLOTTE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	16
L	CHINA GROVE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	50
L	CIBOLO	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	31
L	CONVERSE	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	46
L	COTULLA	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	77
L	COUNTY LINE WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	80
L	COUNTY LINE WSC	Local groundwater (Trinity Aquifer)	GW	0.06	2	Metro	3.03	2404.91	1	57
L	COUNTY LINE WSC	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	58
L	COUNTY-OTHER, ATASCOSA	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	39
L	COUNTY-OTHER, BEXAR	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	44
L	COUNTY-OTHER, CALDWELL	Facilities expansion	FAC	0.06	1	Metro	3.03	17584000.00	1	79
L	COUNTY-OTHER, CALDWELL	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	50
L	COUNTY-OTHER, COMAL	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	75

L	COUNTY-OTHER, COMAL	Purchase from New Braunfels Utilities/redistribution of supplies	REL	0.06	1	Metro	3.03	0.00	1	27
L	COUNTY-OTHER, COMAL	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	77
L	COUNTY-OTHER, DEWITT	Municipal water conservation	MC	0.06	6	Non-Metro	3.03	0.00	1	34
L	COUNTY-OTHER, FRIO	Municipal water conservation	MC	0.06	6	Non-Metro	3.03	0.00	1	42
L	COUNTY-OTHER, GOLIAD	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	31
L	COUNTY-OTHER, GONZALES	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	15
L	COUNTY-OTHER, GUADALUPE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	55
L	COUNTY-OTHER, HAYS	Municipal water conservation	MC	0.06	3	Metro	3.03	0.00	1	62
L	COUNTY-OTHER, KARNES	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	25
L	COUNTY-OTHER, KENDALL	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	23
L	COUNTY-OTHER, KENDALL	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	68
L	COUNTY-OTHER, LA SALLE	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	74
L	COUNTY-OTHER, MEDINA	Edwards transfers	TRAN	0.06	2	Metro	3.03	0.00	1	73
L	COUNTY-OTHER, MEDINA	Municipal water conservation	MC	0.06	2	Metro	3.03	0.00	1	41
L	COUNTY-OTHER, UVALDE	Municipal water conservation	MC	0.06	4	Non-Metro	3.03	0.00	1	22
L	COUNTY-OTHER, VICTORIA	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	20
L	COUNTY-OTHER, WILSON	Municipal water conservation	MC	0.06	4	Metro	3.03	0.00	1	16
L	COUNTY-OTHER, ZAVALA	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	57
L	CREEDMOOR-MAHA WSC	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	66
L	CREEDMOOR-MAHA WSC	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	47

L	CRYSTAL CITY	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	56
L	CRYSTAL CLEAR WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	3	Metro	3.03	5072.74	1	33
L	CRYSTAL CLEAR WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	44
L	CUERO	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	72
L	DEVINE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	74
L	DILLEY	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	28
L	EAST CENTRAL WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	70
L	EAST MEDINA SUD	Drought management	DM	0.06	1	Metro	3.03	0.00	1	21
L	EAST MEDINA SUD	Edwards transfers	TRAN	0.06	2	Metro	3.03	0.00	1	27
L	EAST MEDINA SUD	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	35
L	EL OSO WSC	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	74
L	ELMENDORF	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	58
L	ENCINAL	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	16
L	FAIROAKS RANCH	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	73
L	FALLS CITY	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	51
L	FLORESVILLE	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	5	Metro	3.03	2421.49	1	19
L	FLORESVILLE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	37
L	GARDEN RIDGE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	33
L	GARDEN RIDGE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	78
L	GARDEN RIDGE	Purchase from wholesale water provider (SSLGC)/redistributi on of supplies	CT	0.06	1	Metro	3.03	0.00	1	41

L	GOFORTH WSC	Hays/Caldwell Public Utility Authority Project (including Gonzales County)	GW	0.06	2	Metro	3.03	1847.41	1	80
L	GOFORTH WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	68
L	GOLIAD	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	55
L	GONZALES COUNTY WSC	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	59
L	GONZALES	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	46
L	GREEN VALLEY SUD	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	54
L	GREEN VALLEY SUD	Purchase from New Braunfels Utilities/redistribution of supplies	REL	0.06	1	Metro	3.03	0.00	1	27
L	GUADALUPE BLANCO RIVER AUTHORITY	GBRA Exelon project	FAC	0.06	2	Metro	3.03	1142.36	1	50
L	GUADALUPE BLANCO RIVER AUTHORITY	GBRA lower basin storage	FAC	0.06	3	Metro	3.03	297.86	1	34
L	GUADALUPE BLANCO RIVER AUTHORITY	GBRA mid basin (surface water)	SW	0.06	2	Metro	3.03	4375.53	1	21
L	GUADALUPE BLANCO RIVER AUTHORITY	GBRA new appropriation (lower basin)	FAC	0.06	3	Metro	3.03	5461.26	1	68
L	GUADALUPE BLANCO RIVER AUTHORITY	GBRA Simsboro project (overdraft)	GW	0.06	2	Metro	3.03	1745.05	1	24
L	GUADALUPE BLANCO RIVER AUTHORITY	Storage above Canyon Reservoir (aquifer storage and recovery)	ASR	0.06	2	Metro	3.03	2377.45	1	79
L	GUADALUPE BLANCO RIVER AUTHORITY	Western Canyon water treatment plant expansion	TD	0.06	5	Metro	3.03	1047.09	1	35
L	GUADALUPE BLANCO RIVER AUTHORITY	Wimberley and Woodcreek water supply project	SW	0.06	1	Metro	3.03	1435.84	1	36
L	HELOTES	Facilities expansion	FAC	0.06	1	Metro	3.03	2863000.00	1	49
L	HELOTES	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	57
L	HILL COUNTRY VILLAGE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	57
L	HILL COUNTRY VILLAGE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	61
L	HOLLYWOOD PARK	Drought management	DM	0.06	1	Metro	3.03	0.00	1	74

L	HOLLYWOOD PARK	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	74
L	HONDO	Drought management	DM	0.06	1	Metro	3.03	0.00	1	53
L	HONDO	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	23
L	HONDO	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	37
L	IRRIGATION, ATASCOSA	Irrigation water conservation	IC	0.06	1	Metro	3.03	0.00	1	47
L	IRRIGATION, MEDINA	Irrigation water conservation	IC	0.06	1	Metro	3.03	0.00	1	57
L	IRRIGATION, ZAVALA	Irrigation water conservation	IC	0.06	1	Non-Metro	3.03	0.00	1	30
L	JOURDANTON	Drought management	DM	0.06	1	Metro	3.03	0.00	1	26
L	JOURDANTON	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Metro	3.03	1009.51	1	39
L	JOURDANTON	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	24
L	KARNES CITY	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Non-Metro	3.03	1769.87	1	50
L	KARNES CITY	Municipal water conservation	MC	0.06	6	Non-Metro	3.03	0.00	1	56
L	KENEDY	Local groundwater (Gulf Coast Aquifer)	GW	0.06	4	Non-Metro	3.03	4542.44	1	54
L	KENEDY	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	47
L	KIRBY	Drought management	DM	0.06	1	Metro	3.03	0.00	1	32
L	KIRBY	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	27
L	KYLE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	65
L	KYLE	Hays/Caldwell Public Utility Authority Project (including Gonzales County)	GW	0.06	2	Metro	3.03	4692.75	1	59
L	KYLE	Municipal water conservation	MC	0.06	2	Metro	3.03	0.00	1	24
L	LA VERNIA	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	55
L	LACKLAND AFB	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	39
L	LACOSTE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	44
L	LACOSTE	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	31
L	LACOSTE	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	65

L	LEON VALLEY	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	79
L	LIVESTOCK, GOLIAD	Livestock water conservation	IC	0.06	1	Metro	3.03	0.00	1	22
L	LOCKHART	Drought management	DM	0.06	1	Metro	3.03	0.00	1	79
L	LOCKHART	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	2	Metro	3.03	3006.32	1	54
L	LOCKHART	Municipal water conservation	MC	0.06	3	Metro	3.03	0.00	1	75
L	LULING	Drought management	DM	0.06	1	Metro	3.03	0.00	1	79
L	LULING	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	2	Metro	3.03	2441.50	1	20
L	LULING	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	23
L	LYTLE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	75
L	LYTLE	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	34
L	LYTLE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	59
L	MANUFACTURING, BEXAR	Recycled water programs	RU	0.06	1	Metro	3.03	3379.24	1	70
L	MANUFACTURING, CALHOUN	Construction of Lavaca River off-channel reservoir diversion project (Region L component)	SW	0.06	2	Non-Metro	3.03	1708.58	1	36
L	MANUFACTURING, COMAL	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	69
L	MANUFACTURING, COMAL	Recycled water programs	RU	0.06	1	Metro	3.03	2356.10	1	17
L	MANUFACTURING, VICTORIA	Purchase from wholesale water provider (GBRA)	CT	0.06	2	Metro	3.03	0.00	1	76
L	MARION	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	22
L	MARTINDALE WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	40
L	MARTINDALE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	33
L	MAXWELL WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	16
L	MCCOY WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	2	Metro	3.03	1198.72	1	33
L	MCCOY WSC	Municipal water conservation	MC	0.06	4	Metro	3.03	0.00	1	53

L	MINING, BEXAR	Industrial, steam-electric power generation, and mining water conservation	IND	0.06	3	Metro	3.03	0.00	1	27
L	MINING, COMAL	Industrial, steam-electric power generation, and mining water conservation	IND	0.06	1	Metro	3.03	0.00	1	56
L	MINING, HAYS	Industrial, steam-electric power generation, and mining water conservation	IND	0.06	1	Metro	3.03	0.00	1	20
L	MOUNTAIN CITY	Hays/Caldwell Public Utility Authority Project (including Gonzales County)	GW	0.06	2	Metro	3.03	1847.41	1	26
L	MOUNTAIN CITY	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	74
L	MUSTANG RIDGE	Drought management	DM	0.06	1	Metro	3.03	0.00	1	43
L	MUSTANG RIDGE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	54
L	MUSTANG RIDGE	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	63
L	NATALIA	Drought management	DM	0.06	1	Metro	3.03	0.00	1	40
L	NATALIA	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	58
L	NATALIA	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	66
L	NEW BRAUNFELS	Drought management	DM	0.06	1	Metro	3.03	0.00	1	17
L	NEW BRAUNFELS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	80
L	NIEDERWALD	Drought management	DM	0.06	1	Metro	3.03	0.00	1	64
L	NIEDERWALD	Municipal water conservation	MC	0.06	2	Metro	3.03	0.00	1	39
L	NIEDERWALD	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	49
L	NIXON	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	78
L	OAK HILLS WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	6	Metro	3.03	801.86	1	43
L	OAK HILLS WSC	Municipal water conservation	MC	0.06	4	Metro	3.03	0.00	1	24
L	OLMOS PARK	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	53

L	PEARSALL	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	19
L	PLEASANTON	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	68
L	PLUM CREEK WATER COMPANY	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	59
L	POINT COMFORT	Drought management	DM	0.06	1	Non-Metro	3.03	0.00	1	19
L	POINT COMFORT	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	40
L	POINT COMFORT	Purchase from wholesale water provider (LNRA)/redistributio n of supplies	CT	0.06	1	Non-Metro	3.03	0.00	1	56
L	POLONIA WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	5	Metro	3.03	4311.98	1	75
L	PORT LAVACA	Municipal water conservation	MC	0.06	5	Non-Metro	3.03	0.00	1	75
L	PORT O'CONNOR MUD	Municipal water conservation	MC	0.06	5	Non-Metro	3.03	0.00	1	72
L	POTEET	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	60
L	POTH	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	29
L	REFUGIO	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	53
L	RUNGE	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	42
L	SABINAL	Drought management	DM	0.06	1	Non-Metro	3.03	0.00	1	64
L	SABINAL	Edwards transfers	TRAN	0.06	1	Non-Metro	3.03	0.00	1	56
L	SABINAL	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	31
L	SAN ANTONIO WATER SYSTEM	Aquifer storage and recovery project and phased expansion	ASR	0.06	1	Metro	3.03	0.00	1	35
L	SAN ANTONIO WATER SYSTEM	Brackish groundwater desalination (Wilcox Aquifer)	DS	0.06	2	Metro	3.03	2105.35	1	66
L	SAN ANTONIO WATER SYSTEM	Drought management	DM	0.06	1	Metro	3.03	0.00	1	25
L	SAN ANTONIO WATER SYSTEM	Edwards Aquifer recharge - Type 2 projects	GW	0.06	2	Metro	3.03	6999.68	1	41
L	SAN ANTONIO WATER SYSTEM	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	51

L	SAN ANTONIO WATER SYSTEM	Firm-up- run-of-river with off-channel reservoir - LCRA/SAWS project (Region L component)	SW	0.06	3	Metro	3.03	5518.57	1	18
L	SAN ANTONIO WATER SYSTEM	Recycled water programs	RU	0.06	1	Metro	3.03	1858.22	1	27
L	SAN ANTONIO WATER SYSTEM	Regional Carrizo for SAWS (including Gonzalas County)	TRAN	0.06	2	Metro	3.03	2336.78	1	50
L	SAN ANTONIO WATER SYSTEM	Seawater desalination	DS	0.06	6	Metro	3.03	15400.50	1	42
L	SAN ANTONIO	Drought management	DM	0.06	1	Metro	3.03	0.00	1	25
L	SAN ANTONIO	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	39
L	SAN MARCOS	Hays/Caldwell Public Utility Authority Project (including Gonzales County)	GW	0.06	3	Metro	3.03	4061.79	1	32
L	SAN MARCOS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	36
L	SANTA CLARA	Drought management	DM	0.06	1	Metro	3.03	0.00	1	74
L	SANTA CLARA	Municipal water conservation	MC	0.06	3	Metro	3.03	0.00	1	20
L	SCHERTZ-SEGUIN LOCAL GOVERNMENT CORPORATION	Brackish groundwater desalination (Wilcox Aquifer)	DS	0.06	3	Metro	3.03	2171.80	1	28
L	SCHERTZ-SEGUIN LOCAL GOVERNMENT CORPORATION	Regional Carrizo for SSLGC project expansion (including Gonzales County)	TRAN	0.06	2	Metro	3.03	543.98	1	66
L	SCHERTZ	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	22
L	SEADRIFT	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	77
L	SEGUIN	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	27
L	SELMA	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	41
L	SHAVANO PARK	Drought management	DM	0.06	1	Metro	3.03	0.00	1	42
L	SHAVANO PARK	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	42
L	SOMERSET	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	57
L	SPRINGS HILL WSC	Brackish groundwater desalination (Wilcox Aquifer)	DS	0.06	6	Metro	3.03	8687.20	1	16
L	SPRINGS HILL WSC	Facilities expansion	FAC	0.06	1	Metro	3.03	2277000.00	1	23

L	SPRINGS HILL WSC	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	62
L	SS WSC	Brackish groundwater desalination (Wilcox Aquifer)	DS	0.06	4	Metro	3.03	4272.92	1	29
L	SS WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	38
L	SS WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Metro	3.03	2154.10	1	33
L	SS WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	24
L	ST. HEDWIG	Municipal water conservation	MC	0.06	6	Metro	3.03	0.00	1	17
L	STEAM ELECTRIC POWER, ATASCOSA	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	1	Metro	3.03	851.27	1	35
L	STEAM ELECTRIC POWER, VICTORIA	Purchase from wholesale water provider (GBRA)	CT	0.06	1	Metro	3.03	0.00	1	52
L	STOCKDALE	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	75
L	SUNKO WSC	Local groundwater Carrizo-Wilcox Aquifer (includes overdrafts)	GW	0.06	6	Non-Metro	3.03	8540.37	1	39
L	SUNKO WSC	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	54
L	TERRELL HILLS	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	56
L	TEXAS WATER ALLIANCE	TWA Regional Carrizo (including Gonzales County)	GW	0.06	2	Non-Metro	3.03	2318.96	1	52
L	UNIVERSAL CITY	Drought management	DM	0.06	1	Metro	3.03	0.00	1	75
L	UNIVERSAL CITY	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	46
L	UNIVERSAL CITY	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	28
L	UVALDE	Drought management	DM	0.06	1	Non-Metro	3.03	0.00	1	41
L	UVALDE	Edwards transfers	TRAN	0.06	1	Non-Metro	3.03	0.00	1	60
L	UVALDE	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	26
L	VICTORIA	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	17
L	WAELDER	Municipal water conservation	MC	0.06	4	Non-Metro	3.03	0.00	1	43
L	WATER SERVICES INC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	31

L	WATER SERVICES INC	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	17
L	WATER SERVICES INC	Municipal water conservation	MC	0.06	4	Metro	3.03	0.00	1	43
L	WATER SERVICES INC	Purchase from wholesale water provider (SSLGC)/redistribution of supplies	CT	0.06	1	Metro	3.03	0.00	1	37
L	WIMBERLEY WSC	Drought management	DM	0.06	1	Metro	3.03	0.00	1	70
L	WIMBERLEY WSC	Municipal water conservation	MC	0.06	5	Metro	3.03	0.00	1	47
L	WINDCREST	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	46
L	WINDCREST	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	41
L	WOODCREEK UTILITIES INC	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	63
L	WOODCREEK	Drought management	DM	0.06	1	Metro	3.03	0.00	1	40
L	WOODCREEK	Municipal water conservation	MC	0.06	3	Metro	3.03	0.00	1	74
L	WOODSBORO	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	68
L	YANCEY WSC	Edwards transfers	TRAN	0.06	1	Metro	3.03	0.00	1	43
L	YANCEY WSC	Municipal water conservation	MC	0.06	1	Metro	3.03	0.00	1	26
L	YOAKUM	Municipal water conservation	MC	0.06	1	Non-Metro	3.03	0.00	1	70
L	YORKTOWN	Municipal water conservation	MC	0.06	2	Non-Metro	3.03	0.00	1	61
M	ALAMO	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1160.63	1	58
M	ALAMO	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1375.36	1	58
M	ALAMO	Acquisition of water rights through urbanization	WR	0.15	2	Metro	9.29	1135.78	1	78
M	ALAMO	Advanced water conservation	MC	0.15	1	Metro	9.29	344.34	3	33
M	ALAMO	Brackish water desalination	DS	0.15	2	Metro	9.29	1584.29	2	40
M	ALAMO	Non-potable reuse	RU	0.15	1	Metro	9.29	1164.45	1	57
M	ALTON	Advanced water conservation	MC	0.15	1	Metro	9.29	239.77	3	46
M	BROWNSVILLE	Acquisition of water rights through contract	WR	0.15	6	Metro	9.29	3481.88	1	70

M	BROWNSVILLE	Acquisition of water rights through purchase	WR	0.15	6	Metro	9.29	4172.80	1	34
M	BROWNSVILLE	Advanced water conservation	MC	0.15	1	Metro	9.29	241.79	3	59
M	BROWNSVILLE	Banco Morales Reservoir	SW	0.15	2	Metro	9.29	21673.03	3	79
M	BROWNSVILLE	Brackish water desalination	DS	0.15	1	Metro	9.29	931.12	2	20
M	BROWNSVILLE	Brownsville weir and reservoir	SW	0.15	2	Metro	9.29	926.53	3	69
M	BROWNSVILLE	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	226.45	2	75
M	BROWNSVILLE	Non-potable reuse	RU	0.15	2	Metro	9.29	749.44	1	46
M	BROWNSVILLE	Resaca restoration	TD	0.15	1	Metro	9.29	9882.17	1	72
M	BROWNSVILLE	Seawater desalination	DS	0.15	4	Metro	9.29	9060.67	2	20
M	COMBES	Advanced water conservation	MC	0.15	1	Metro	9.29	197.90	3	68
M	COMBES	Brackish water desalination	DS	0.15	2	Metro	9.29	735.28	2	29
M	COUNTY-OTHER, CAMERON	Advanced water conservation	MC	0.15	1	Metro	9.29	198.02	3	69
M	COUNTY-OTHER, HIDALGO	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	850.04	1	39
M	COUNTY-OTHER, HIDALGO	Advanced water conservation	MC	0.15	1	Metro	9.29	217.55	3	76
M	COUNTY-OTHER, HIDALGO	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	324.29	2	75
M	COUNTY-OTHER, JIM HOGG	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	206414.49	1	63
M	COUNTY-OTHER, JIM HOGG	Advanced water conservation	MC	0.15	2	Non-Metro	9.29	137.73	3	69
M	COUNTY-OTHER, JIM HOGG	Expand existing groundwater wells	GW	0.15	1	Non-Metro	9.29	181.72	2	60
M	COUNTY-OTHER, MAVERICK	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	1050.73	1	72
M	COUNTY-OTHER, MAVERICK	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	183.65	3	80
M	COUNTY-OTHER, STARR	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	2161.79	1	64
M	COUNTY-OTHER, STARR	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	198.21	3	46
M	COUNTY-OTHER, STARR	Expand existing groundwater wells	GW	0.15	1	Non-Metro	9.29	232.83	2	77

M	COUNTY-OTHER, WEBB	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1297.41	1	42
M	COUNTY-OTHER, WEBB	Advanced water conservation	MC	0.15	1	Metro	9.29	214.30	3	49
M	COUNTY-OTHER, ZAPATA	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	3.95	1	32
M	COUNTY-OTHER, ZAPATA	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	188.22	3	24
M	DONNA	Advanced water conservation	MC	0.15	1	Metro	9.29	212.18	3	19
M	DONNA	Brackish water desalination	DS	0.15	2	Metro	9.29	735.28	2	66
M	DONNA	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	226.45	2	16
M	EAGLE PASS	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	184.77	3	50
M	EAGLE PASS	Brackish water desalination	DS	0.15	2	Non-Metro	9.29	1037.14	2	35
M	EAST RIO HONDO WSC	Acquisition of water rights through contract	WR	0.15	5	Metro	9.29	1740.94	1	31
M	EAST RIO HONDO WSC	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	2086.40	1	30
M	EAST RIO HONDO WSC	Advanced water conservation	MC	0.15	2	Metro	9.29	232.43	3	78
M	EAST RIO HONDO WSC	Brackish water desalination	DS	0.15	1	Metro	9.29	2246.01	2	49
M	EDCOUCH	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1189.40	1	41
M	EDCOUCH	Advanced water conservation	MC	0.15	1	Metro	9.29	185.55	3	42
M	EDINBURG	Acquisition of water rights through purchase	WR	0.15	3	Metro	9.29	1731.10	1	56
M	EDINBURG	Advanced water conservation	MC	0.15	1	Metro	9.29	211.38	3	69
M	EDINBURG	Non-potable reuse	RU	0.15	3	Metro	9.29	1665.43	1	58
M	EL CENIZO	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1414.52	1	73
M	EL CENIZO	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1687.41	1	60
M	EL CENIZO	Advanced water conservation	MC	0.15	1	Metro	9.29	213.73	3	59
M	EL INDIO WSC	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	0.00	1	47

M	EL INDIO WSC	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	184.00	3	44
M	EL JARDIN	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	1036.27	1	80
M	EL JARDIN	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1242.40	1	58
M	EL JARDIN	Advanced water conservation	MC	0.15	1	Metro	9.29	198.43	3	70
M	ELSA	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	2086.40	1	25
M	ELSA	Advanced water conservation	MC	0.15	1	Metro	9.29	212.86	3	46
M	ELSA	Brackish water desalination	DS	0.15	2	Metro	9.29	735.28	2	28
M	ELSA	Proposed elevated storage tank and infrastructure improvements for City of Elsa	TD	0.15	1	Metro	9.29	13214.90	1	39
M	HARLINGEN	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	2608.00	1	31
M	HARLINGEN	Advanced water conservation	MC	0.15	1	Metro	9.29	280.93	3	67
M	HARLINGEN	Brackish water desalination	DS	0.15	2	Metro	9.29	2610.79	2	48
M	HARLINGEN	Non-potable reuse	RU	0.15	5	Metro	9.29	1873.61	1	20
M	HEBBRONVILLE	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	125.21	3	79
M	HIDALGO COUNTY MUD #1	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	966.60	1	43
M	HIDALGO COUNTY MUD #1	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1186.52	1	39
M	HIDALGO COUNTY MUD #1	Advanced water conservation	MC	0.15	1	Metro	9.29	213.66	3	43
M	HIDALGO	Acquisition of water rights through contract	WR	0.15	4	Metro	9.29	2017.91	1	72
M	HIDALGO	Acquisition of water rights through purchase	WR	0.15	4	Metro	9.29	2409.58	1	23
M	HIDALGO	Advanced water conservation	MC	0.15	1	Metro	9.29	209.91	3	61
M	HIDALGO	Expand existing groundwater wells	GW	0.15	1	Metro	9.29	311.56	2	24
M	INDIAN LAKE	Advanced water conservation	MC	0.15	1	Metro	9.29	192.83	3	60
M	INDIAN LAKE	Brackish water desalination	DS	0.15	1	Metro	9.29	960.37	2	34

M	IRRIGATION, CAMERON	Irrigation conveyance system conservation	IC	0.15	1	Metro	9.29	268.40	3	39
M	IRRIGATION, CAMERON	On-farm water conservation	IC	0.15	1	Metro	9.29	625.36	3	65
M	IRRIGATION, HIDALGO	Irrigation conveyance system conservation	IC	0.15	1	Metro	9.29	289.95	3	34
M	IRRIGATION, HIDALGO	On-farm water conservation	IC	0.15	1	Metro	9.29	782.20	3	37
M	IRRIGATION, MAVERICK	Irrigation conveyance system conservation	IC	0.15	1	Non-Metro	9.29	363.88	3	21
M	IRRIGATION, MAVERICK	On-farm water conservation	IC	0.15	1	Non-Metro	9.29	506.48	3	40
M	IRRIGATION, STARR	On-farm water conservation	IC	0.15	1	Non-Metro	9.29	655.02	3	65
M	IRRIGATION, WILLACY	Irrigation conveyance system conservation	IC	0.15	1	Non-Metro	9.29	252.79	3	57
M	IRRIGATION, WILLACY	On-farm water conservation	IC	0.15	1	Non-Metro	9.29	520.55	3	67
M	LA FERIA	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	834.56	1	76
M	LA FERIA	Advanced water conservation	MC	0.15	1	Metro	9.29	210.43	3	28
M	LA FERIA	Brackish water desalination	DS	0.15	2	Metro	9.29	735.28	2	18
M	LA FERIA	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	226.45	2	24
M	LA GRULLA	Acquisition of water rights through contract	WR	0.15	1	Non-Metro	9.29	942.05	1	49
M	LA GRULLA	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	789.38	1	72
M	LA GRULLA	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	191.63	3	73
M	LA GRULLA	Expand existing groundwater wells	GW	0.15	1	Non-Metro	9.29	282.29	2	78
M	LA JOYA	Acquisition of water rights through urbanization	WR	0.15	4	Metro	9.29	2311.53	1	67
M	LA JOYA	Advanced water conservation	MC	0.15	1	Metro	9.29	222.45	3	44
M	LA JOYA	Brackish water desalination	DS	0.15	1	Metro	9.29	787.80	2	26
M	LA VILLA	Advanced water conservation	MC	0.15	2	Metro	9.29	137.73	3	28
M	LAGUNA MADRE WD	Acquisition of water rights through contract	WR	0.15	3	Metro	9.29	1956.11	1	57
M	LAGUNA MADRE WD	Acquisition of water rights through purchase	WR	0.15	3	Metro	9.29	2405.84	1	20
M	LAGUNA MADRE WD	Advanced water conservation	MC	0.15	1	Metro	9.29	198.15	3	46

M	LAGUNA MADRE WD	Brackish water desalination	DS	0.15	1	Metro	9.29	743.33	2	69
M	LAGUNA MADRE WD	Non-potable reuse	RU	0.15	1	Metro	9.29	374.72	1	77
M	LAGUNA MADRE WD	Seawater desalination	DS	0.15	1	Metro	9.29	8464.06	2	48
M	LAGUNA VISTA	Advanced water conservation	MC	0.15	1	Metro	9.29	196.76	3	64
M	LAGUNA VISTA	Seawater desalination	DS	0.15	1	Metro	9.29	3921.81	2	73
M	LAREDO	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	1359.17	1	34
M	LAREDO	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1789.71	1	49
M	LAREDO	Advanced water conservation	MC	0.15	1	Metro	9.29	214.34	3	59
M	LAREDO	Brackish water desalination	DS	0.15	1	Metro	9.29	871.23	2	46
M	LAREDO	Expand existing groundwater wells	GW	0.15	1	Metro	9.29	269.42	2	64
M	LAREDO	Laredo low water weir	SW	0.15	1	Metro	9.29	294400000.00	3	24
M	LAREDO	Non-potable reuse	RU	0.15	1	Metro	9.29	1211.85	1	23
M	LOS FRESNOS	Advanced water conservation	MC	0.15	1	Metro	9.29	198.73	3	19
M	LOS FRESNOS	Brackish water desalination	DS	0.15	3	Metro	9.29	1516.50	2	73
M	LOS INDIOS	Advanced water conservation	MC	0.15	1	Metro	9.29	203.47	3	44
M	LYFORD	Acquisition of water rights through purchase	WR	0.15	2	Non-Metro	9.29	834.56	1	66
M	LYFORD	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	162.04	3	75
M	MANUFACTURING, CAMERON	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	695.47	1	50
M	MANUFACTURING, CAMERON	Expand existing groundwater wells	GW	0.15	1	Metro	9.29	188.71	2	30
M	MANUFACTURING, CAMERON	Non-potable reuse	RU	0.15	1	Metro	9.29	971.88	1	66
M	MANUFACTURING, HIDALGO	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	3251.10	1	72
M	MANUFACTURING, HIDALGO	Expand existing groundwater wells	GW	0.15	5	Metro	9.29	754.84	2	68
M	MANUFACTURING, HIDALGO	Non-potable reuse	RU	0.15	5	Metro	9.29	2498.14	1	15
M	MANUFACTURING, WILLACY	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	695.47	1	21
M	MANUFACTURING, WILLACY	Non-potable reuse	RU	0.15	1	Non-Metro	9.29	624.54	1	30

M	MCALLEN	Acquisition of water rights through contract	WR	0.15	3	Metro	9.29	1090.77	1	75
M	MCALLEN	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1688.57	1	45
M	MCALLEN	Advanced water conservation	MC	0.15	1	Metro	9.29	282.38	3	47
M	MCALLEN	Brackish water desalination	DS	0.15	1	Metro	9.29	890.90	2	44
M	MCALLEN	Expand existing groundwater wells	GW	0.15	3	Metro	9.29	486.11	2	69
M	MCALLEN	Non-potable reuse	RU	0.15	2	Metro	9.29	625.15	1	28
M	MERCEDES	Advanced water conservation	MC	0.15	1	Metro	9.29	212.21	3	69
M	MERCEDES	Brackish water desalination	DS	0.15	1	Metro	9.29	612.74	2	19
M	MERCEDES	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	226.45	2	50
M	MILITARY HIGHWAY WSC	Acquisition of water rights through contract	WR	0.15	3	Metro	9.29	1484.08	1	53
M	MILITARY HIGHWAY WSC	Acquisition of water rights through purchase	WR	0.15	3	Metro	9.29	1779.30	1	73
M	MILITARY HIGHWAY WSC	Advanced water conservation	MC	0.15	1	Metro	9.29	197.97	3	49
M	MILITARY HIGHWAY WSC	Expand existing groundwater wells	GW	0.15	2	Metro	9.29	377.42	2	61
M	MISSION	Acquisition of water rights through urbanization	WR	0.15	1	Metro	9.29	1115.21	1	55
M	MISSION	Advanced water conservation	MC	0.15	1	Metro	9.29	252.94	3	37
M	MISSION	Brackish water desalination	DS	0.15	1	Metro	9.29	612.74	2	49
M	MISSION	Non-potable reuse	RU	0.15	1	Metro	9.29	1332.28	1	26
M	NORTH ALAMO WSC	Acquisition of water rights through contract	WR	0.15	6	Metro	9.29	3481.88	1	51
M	NORTH ALAMO WSC	Acquisition of water rights through purchase	WR	0.15	6	Metro	9.29	4172.80	1	44
M	NORTH ALAMO WSC	Advanced water conservation	MC	0.15	1	Metro	9.29	274.39	3	73
M	NORTH ALAMO WSC	Brackish water desalination	DS	0.15	1	Metro	9.29	421.22	2	26
M	OLMITO WSC	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1186.71	1	78
M	OLMITO WSC	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1416.98	1	39

M	OLMITO WSC	Advanced water conservation	MC	0.15	1	Metro	9.29	197.84	3	79
M	PALM VALLEY ESTATES UD	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1160.63	1	25
M	PALM VALLEY ESTATES UD	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1455.63	1	71
M	PALM VALLEY ESTATES UD	Advanced water conservation	MC	0.15	1	Metro	9.29	183.65	3	44
M	PALM VALLEY	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	854.05	1	22
M	PALM VALLEY	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1058.77	1	49
M	PALM VALLEY	Advanced water conservation	MC	0.15	1	Metro	9.29	114.78	3	74
M	PALMHURST	Acquisition of water rights through contract	WR	0.15	4	Metro	9.29	1996.60	1	45
M	PALMHURST	Acquisition of water rights through purchase	WR	0.15	4	Metro	9.29	2383.80	1	41
M	PALMHURST	Advanced water conservation	MC	0.15	1	Metro	9.29	212.80	3	62
M	PALMVIEW	Acquisition of water rights through contract	WR	0.15	5	Metro	9.29	2338.58	1	42
M	PALMVIEW	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	2792.69	1	42
M	PALMVIEW	Advanced water conservation	MC	0.15	1	Metro	9.29	213.44	3	33
M	PENITAS	Advanced water conservation	MC	0.15	1	Metro	9.29	379.96	3	60
M	PHARR	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1219.32	1	76
M	PHARR	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1554.45	1	77
M	PHARR	Acquisition of water rights through urbanization	WR	0.15	2	Metro	9.29	1327.93	1	43
M	PHARR	Advanced water conservation	MC	0.15	1	Metro	9.29	194.26	3	16
M	PHARR	Expand existing groundwater wells	GW	0.15	1	Metro	9.29	257.33	2	56
M	PHARR	Non-potable reuse	RU	0.15	1	Metro	9.29	624.54	1	53
M	PORT ISABEL	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	708.02	1	16

M	PORT ISABEL	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	846.63	1	67
M	PORT ISABEL	Advanced water conservation	MC	0.15	1	Metro	9.29	202.55	3	64
M	PORT ISABEL	Brackish water desalination	DS	0.15	1	Metro	9.29	746.30	2	57
M	PRIMERA	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1045.80	1	38
M	PRIMERA	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1631.58	1	63
M	PRIMERA	Advanced water conservation	MC	0.15	1	Metro	9.29	150.58	3	47
M	PRIMERA	Brackish water desalination	DS	0.15	1	Metro	9.29	736.59	2	45
M	PRIMERA	Expand existing groundwater wells	GW	0.15	1	Metro	9.29	248.98	2	29
M	PROGRESO	Advanced water conservation	MC	0.15	1	Metro	9.29	213.56	3	62
M	RANCHO VIEJO	Advanced water conservation	MC	0.15	1	Metro	9.29	137.74	3	69
M	RAYMONDVILLE	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	172.17	3	15
M	RAYMONDVILLE	Brackish water desalination	DS	0.15	2	Non-Metro	9.29	735.28	2	16
M	RIO BRAVO	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1290.79	1	74
M	RIO BRAVO	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1543.76	1	53
M	RIO BRAVO	Advanced water conservation	MC	0.15	1	Metro	9.29	214.57	3	73
M	RIO GRANDE CITY	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	1850.20	1	20
M	RIO GRANDE CITY	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	232.56	3	68
M	RIO GRANDE CITY	Brackish water desalination	DS	0.15	1	Non-Metro	9.29	817.71	2	48
M	RIO GRANDE CITY	Expand existing groundwater wells	GW	0.15	2	Non-Metro	9.29	417.34	2	33
M	RIO GRANDE CITY	Non-potable reuse	RU	0.15	2	Non-Metro	9.29	1410.85	1	41
M	RIO HONDO	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	695.47	1	22
M	RIO HONDO	Advanced water conservation	MC	0.15	1	Metro	9.29	191.30	3	20
M	RIO WSC	Acquisition of water rights through contract	WR	0.15	1	Non-Metro	9.29	973.20	1	34

M	RIO WSC	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	1167.34	1	28
M	RIO WSC	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	200.25	3	17
M	ROMA CITY	Acquisition of water rights through contract	WR	0.15	2	Non-Metro	9.29	1134.84	1	26
M	ROMA CITY	Acquisition of water rights through purchase	WR	0.15	1	Non-Metro	9.29	1374.17	1	21
M	ROMA CITY	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	172.53	3	25
M	SAN BENITO	Acquisition of water rights through contract	WR	0.15	5	Metro	9.29	2759.23	1	71
M	SAN BENITO	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	3328.96	1	50
M	SAN BENITO	Advanced water conservation	MC	0.15	1	Metro	9.29	198.15	3	80
M	SAN JUAN	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	1159.62	1	39
M	SAN JUAN	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1389.22	1	26
M	SAN JUAN	Advanced water conservation	MC	0.15	1	Metro	9.29	212.46	3	31
M	SAN PERLITA	Advanced water conservation	MC	0.15	2	Non-Metro	9.29	172.17	3	70
M	SAN PERLITA	Brackish water desalination	DS	0.15	1	Non-Metro	9.29	612.74	2	77
M	SANTA ROSA	Advanced water conservation	MC	0.15	1	Metro	9.29	196.76	3	43
M	SEBASTIAN MUD	Acquisition of water rights through contract	WR	0.15	3	Non-Metro	9.29	1243.53	1	50
M	SEBASTIAN MUD	Acquisition of water rights through purchase	WR	0.15	3	Non-Metro	9.29	1434.40	1	18
M	SEBASTIAN MUD	Advanced water conservation	MC	0.15	1	Non-Metro	9.29	172.17	3	72
M	SHARYLAND WSC	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1494.79	1	72
M	SHARYLAND WSC	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1795.63	1	44
M	SHARYLAND WSC	Advanced water conservation	MC	0.15	1	Metro	9.29	212.40	3	60
M	SOUTH PADRE ISLAND	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	973.75	1	54

M	SOUTH PADRE ISLAND	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1168.79	1	53
M	SOUTH PADRE ISLAND	Advanced water conservation	MC	0.15	1	Metro	9.29	199.07	3	77
M	SOUTHMOST REGIONAL WATER AUTHORITY	Brackish water desalination	DS	0.15	1	Metro	9.29	19.09	2	68
M	STEAM ELECTRIC POWER, CAMERON	Expand existing groundwater wells	GW	0.15	5	Metro	9.29	953.48	2	16
M	STEAM ELECTRIC POWER, CAMERON	Non-potable reuse	RU	0.15	5	Metro	9.29	3330.85	1	43
M	STEAM ELECTRIC POWER, HIDALGO	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	1379.75	1	45
M	STEAM ELECTRIC POWER, HIDALGO	Non-potable reuse	RU	0.15	2	Metro	9.29	1561.34	1	57
M	STEAM ELECTRIC POWER, WEBB	Expand existing groundwater wells	GW	0.15	5	Metro	9.29	0.00	2	64
M	STEAM ELECTRIC POWER, WEBB	Non-potable reuse	RU	0.15	5	Metro	9.29	2498.14	1	36
M	SULLIVAN CITY	Acquisition of water rights through contract	WR	0.15	5	Metro	9.29	2358.70	1	50
M	SULLIVAN CITY	Acquisition of water rights through purchase	WR	0.15	5	Metro	9.29	2825.33	1	50
M	SULLIVAN CITY	Advanced water conservation	MC	0.15	1	Metro	9.29	213.16	3	36
M	UNITED IRRIGATION DISTRICT	Irrigation conveyance system conservation	IC	0.15	1	Metro	9.29	1903.04	3	71
M	UNITED IRRIGATION DISTRICT	On-farm water conservation	IC	0.15	1	Metro	9.29	253.38	3	35
M	VALLEY MUD #2	Acquisition of water rights through contract	WR	0.15	2	Metro	9.29	1057.00	1	51
M	VALLEY MUD #2	Acquisition of water rights through purchase	WR	0.15	2	Metro	9.29	835.18	1	16
M	VALLEY MUD #2	Brackish water desalination	DS	0.15	2	Metro	9.29	379.94	2	72
M	WEBB COUNTY WATER UTILITY	Acquisition of water rights through contract	WR	0.15	1	Metro	9.29	1160.63	1	19
M	WEBB COUNTY WATER UTILITY	Acquisition of water rights through purchase	WR	0.15	1	Metro	9.29	1376.95	1	57
M	WEBB COUNTY WATER UTILITY	Advanced water conservation	MC	0.15	1	Metro	9.29	214.75	3	69
M	WESLACO	Acquisition of water rights through contract	WR	0.15	6	Metro	9.29	3481.88	1	41
M	WESLACO	Acquisition of water rights through purchase	WR	0.15	6	Metro	9.29	4172.80	1	52

M	WESLACO	Advanced water conservation	MC	0.15	1	Metro	9.29	312.71	3	60
M	WESLACO	Brackish water desalination	DS	0.15	1	Metro	9.29	1286.75	2	32
M	WESLACO	Expand existing groundwater wells	GW	0.15	4	Metro	9.29	712.82	2	74
M	WESLACO	Potable reuse	RU	0.15	1	Metro	9.29	1086.68	1	17
N	ALICE	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	51
N	CORPUS CHRISTI	Construction of Lavaca River off-channel reservoir diversion project (Region N component)	SW	0.09	6	Metro	3.76	8542.91	3	34
N	CORPUS CHRISTI	Garwood Pipeline	TD	0.09	2	Metro	3.76	644.56	3	31
N	CORPUS CHRISTI	O.N. Stevens Water Treatment Plant improvements	TD	0.09	1	Metro	3.76	139.43	1	72
N	CORPUS CHRISTI	Off-channel reservoir near Lake Corpus Christi	SW	0.09	3	Metro	3.76	2476.74	3	38
N	CORPUS CHRISTI	Reclaimed wastewater supplies	RU	0.09	1	Metro	3.76	0.00	4	33
N	COUNTY-OTHER, ARANSAS	Voluntary redistribution	REL	0.09	5	Non-Metro	3.76	0.00	1	57
N	COUNTY-OTHER, DUVAL	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	77
N	COUNTY-OTHER, JIM WELLS	Gulf Coast Aquifer Supplies	GW	0.09	1	Non-Metro	3.76	289.09	3	63
N	COUNTY-OTHER, KLEBERG	Gulf Coast Aquifer Supplies	GW	0.09	2	Non-Metro	3.76	293.50	3	32
N	COUNTY-OTHER, LIVE OAK	Gulf Coast Aquifer Supplies	GW	0.09	2	Non-Metro	3.76	787.50	3	58
N	COUNTY-OTHER, MCMULLEN	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	26
N	COUNTY-OTHER, NUECES	Voluntary redistribution	REL	0.09	1	Metro	3.76	0.00	1	75
N	FALFURRIAS	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	66
N	GEORGE WEST	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	28
N	IRRIGATION, BEE	Gulf Coast Aquifer Supplies	GW	0.09	5	Non-Metro	3.76	437.25	3	60
N	IRRIGATION, LIVE OAK	Gulf Coast Aquifer Supplies	GW	0.09	1	Non-Metro	3.76	145.73	3	26
N	IRRIGATION, LIVE OAK	Irrigation water conservation	IC	0.09	1	Non-Metro	3.76	0.00	1	27
N	IRRIGATION, SAN PATRICIO	Gulf Coast Aquifer Supplies	GW	0.09	3	Metro	3.76	225.28	3	41
N	LAKE CITY	Gulf Coast Aquifer Supplies	GW	0.09	2	Metro	3.76	857.50	3	77
N	MANUFACTURING, ARANSAS	Gulf Coast Aquifer Supplies	GW	0.09	1	Non-Metro	3.76	214.17	3	67
N	MANUFACTURING, LIVE OAK	Voluntary redistribution	REL	0.09	1	Non-Metro	3.76	0.00	1	15

N	MANUFACTURING, NUECES	Manufacturing water conservation	IND	0.09	1	Metro	3.76	0.00	1	30
N	MINING, DUVAL	Mining water conservation	IND	0.09	1	Non-Metro	3.76	0.00	1	66
N	MINING, LIVE OAK	Mining water conservation	IND	0.09	1	Non-Metro	3.76	0.00	1	46
N	MINING, NUECES	Mining water conservation	IND	0.09	1	Metro	3.76	0.00	1	38
N	NUECES COUNTY WCID #4	Municipal water conservation	MC	0.09	3	Metro	3.76	0.00	1	64
N	ORANGE GROVE	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	54
N	PORT ARANSAS	Municipal water conservation	MC	0.09	1	Metro	3.76	0.00	1	45
N	PREMONT	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	31
N	RIVER ACRES WSC	Voluntary redistribution	REL	0.09	1	Metro	3.76	0.00	1	21
N	SAN PATRICIO MWD	Gulf Coast Aquifer Supplies (regional)	GW	0.09	3	Metro	3.76	1161.67	3	33
N	THREE RIVERS	Municipal water conservation	MC	0.09	1	Non-Metro	3.76	0.00	1	36
O	ABERNATHY	Local groundwater development	GW	4.29	1	Non-Metro	0.68	264.15	2	36
O	ABERNATHY	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	46
O	AMHERST	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	53
O	ANTON	Local groundwater development	GW	4.29	1	Non-Metro	0.68	395.05	2	77
O	ANTON	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	32
O	BROWNFIELD	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	79
O	CANADIAN RIVER MUNICIPAL WATER AUTHORITY	CRMWA Region O local groundwater development	GW	4.29	3	Metro	0.68	1051.72	2	30
O	COUNTY-OTHER, GARZA	Lake Alan Henry Supply for Lake Alan Henry Water Supply Corporation	SW	4.29	1	Non-Metro	0.68	4527.47	1	29
O	DENVER CITY	Local groundwater development	GW	4.29	3	Non-Metro	0.68	178.39	2	32
O	DENVER CITY	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	32
O	DIMMITT	Local groundwater development	GW	4.29	2	Non-Metro	0.68	195.84	2	44

O	DIMMITT	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	25
O	EARTH	Local groundwater development	GW	4.29	4	Non-Metro	0.68	738.33	2	76
O	EARTH	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	52
O	FARWELL	Local groundwater development	GW	4.29	5	Non-Metro	0.68	584.77	2	62
O	FARWELL	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	57
O	FRIONA	Local groundwater development	GW	4.29	3	Non-Metro	0.68	213.25	2	68
O	FRIONA	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	39
O	HART	Local groundwater development	GW	4.29	5	Non-Metro	0.68	1354.40	2	33
O	HEREFORD	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	16
O	IDALOU	Local groundwater development	GW	4.29	4	Metro	0.68	693.19	2	30
O	IRRIGATION, BAILEY	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.96	3	29
O	IRRIGATION, BRISCOE	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.99	3	29
O	IRRIGATION, CASTRO	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.95	3	66
O	IRRIGATION, COCHRAN	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.93	3	60
O	IRRIGATION, CROSBY	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.96	3	21
O	IRRIGATION, DAWSON	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.75	3	47
O	IRRIGATION, DEAF SMITH	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.93	3	50
O	IRRIGATION, DICKENS	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.92	3	41
O	IRRIGATION, FLOYD	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.96	3	77
O	IRRIGATION, GAINES	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.86	3	17
O	IRRIGATION, GARZA	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.75	3	78
O	IRRIGATION, HALE	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.94	3	22
O	IRRIGATION, HOCKLEY	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.91	3	52
O	IRRIGATION, LAMB	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.90	3	43
O	IRRIGATION, LUBBOCK	Irrigation water conservation	IC	4.29	1	Metro	0.68	153.95	3	57
O	IRRIGATION, LYNN	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.93	3	26
O	IRRIGATION, MOTLEY	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	154.11	3	54
O	IRRIGATION, PARMER	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.93	3	29
O	IRRIGATION, SWISHER	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.94	3	43

O	IRRIGATION, TERRY	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	153.91	3	78
O	IRRIGATION, YOAKUM	Irrigation water conservation	IC	4.29	1	Non-Metro	0.68	154.01	3	58
O	LAMESA	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	46
O	LITTLEFIELD	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	54
O	LOCKNEY	Local groundwater development	GW	4.29	3	Non-Metro	0.68	275.39	2	55
O	LORENZO	Local groundwater development	GW	4.29	3	Metro	0.68	493.29	2	18
O	LUBBOCK	Lake Alan Henry Pipeline for the City of Lubbock	TD	4.29	1	Metro	0.68	2241.99	1	59
O	LUBBOCK	Lubbock brackish groundwater desalination	DS	4.29	2	Metro	0.68	783.75	2	64
O	LUBBOCK	Lubbock Jim Bertram Lake 7	SW	4.29	2	Metro	0.68	773.81	1	47
O	LUBBOCK	Lubbock North Fork diversion operation (A)	SW	4.29	2	Metro	0.68	8328.71	1	58
O	LUBBOCK	Municipal water conservation	MC	4.29	1	Metro	0.68	0.00	3	36
O	LUBBOCK	Post Reservoir - Delivered to Lake Alan Henry Pipeline	TD	4.29	3	Metro	0.68	1072.19	1	62
O	MATADOR	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	46
O	MORTON	Local groundwater development	GW	4.29	2	Non-Metro	0.68	338.42	2	32
O	MORTON	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	38
O	MULESHOE	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	34
O	NEW DEAL	Local groundwater development	GW	4.29	2	Metro	0.68	716.08	2	71
O	OLTON	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	23
O	PETERSBURG	Local groundwater development	GW	4.29	5	Non-Metro	0.68	429.84	2	63
O	PETERSBURG	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	58
O	PLAINS	Local groundwater development	GW	4.29	2	Non-Metro	0.68	421.49	2	76
O	PLAINS	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	79

O	RANSOM CANYON	Municipal water conservation	MC	4.29	1	Metro	0.68	0.00	3	15
O	ROPESVILLE	Local groundwater development	GW	4.29	3	Non-Metro	0.68	1009.40	2	39
O	SEMINOLE	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	54
O	SHALLOWATER	Local groundwater development	GW	4.29	1	Metro	0.68	242.27	2	79
O	SILVERTON	Local groundwater development	GW	4.29	1	Non-Metro	0.68	8656.17	2	36
O	SMYER	Local groundwater development	GW	4.29	6	Non-Metro	0.68	1295.21	2	74
O	SPUR	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	25
O	SUDAN	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	31
O	SUNDOWN	Local groundwater development	GW	4.29	2	Non-Metro	0.68	400.37	2	66
O	SUNDOWN	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	75
O	TULIA	Local groundwater development	GW	4.29	1	Non-Metro	0.68	354.94	2	49
O	TULIA	Municipal water conservation	MC	4.29	1	Non-Metro	0.68	0.00	3	31
O	WHITE RIVER MWD	Local groundwater development	GW	4.29	1	Metro	0.68	22.90	2	29
O	WHITE RIVER MWD	Reclaimed water - White River Municipal Water District	RU	4.29	2	Metro	0.68	3400.86	1	25
O	WILSON	Local groundwater development	GW	4.29	2	Metro	0.68	440.97	2	26
O	WOLFFORTH	Local groundwater development	GW	4.29	5	Metro	0.68	308.07	2	43
P	IRRIGATION, JACKSON	Conjunctive use of groundwater (temporary overdraft) - Jackson County	CU	1.36	1	Non-Metro	6.80	0.00	1	65
P	IRRIGATION, WHARTON	Conjunctive use of groundwater (temporary overdraft) - Wharton County	CU	1.36	1	Non-Metro	6.80	0.00	1	50

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